

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006665.D
 Acq On : 20 Dec 2018 10:27
 Operator : JC/MD
 Sample : VX1220WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Quant Time: Dec 21 03:28:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	588775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	912822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	837848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	442553	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	317844	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	5.50	113	280506	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	1079845	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	395648	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	103428	19.202	ug/l	100
3) Chloromethane	1.33	50	117038	20.169	ug/l	100
4) Vinyl Chloride	1.41	62	120528	19.887	ug/l	99
5) Bromomethane	1.64	94	124650	20.925	ug/l	100
6) Chloroethane	1.73	64	77403	18.445	ug/l	98
7) Trichlorofluoromethane	1.93	101	188299	19.928	ug/l	97
8) Diethyl Ether	2.19	74	72526	19.325	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	108619	19.578	ug/l	96
10) Methyl Iodide	2.51	142	164192	20.675	ug/l	99
11) Tert butyl alcohol	3.07	59	148583	104.920	ug/l	99
12) 1,1-Dichloroethene	2.38	96	101468	19.289	ug/l	96
13) Acrolein	2.30	56	80582	84.348	ug/l	93
14) Allyl chloride	2.73	41	174513	19.708	ug/l	99
15) Acrylonitrile	3.15	53	321047	102.104	ug/l	99
16) Acetone	2.45	43	296894	101.838	ug/l	98
17) Carbon Disulfide	2.57	76	234281	16.829	ug/l	100
18) Methyl Acetate	2.78	43	180162	21.016	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	360594	20.653	ug/l	99
20) Methylene Chloride	2.86	84	118460	19.650	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	110207	18.908	ug/l	97
22) Diisopropyl ether	3.87	45	334454	20.646	ug/l	93
23) Vinyl Acetate	3.82	43	1323485	99.882	ug/l	99
24) 1,1-Dichloroethane	3.70	63	193024	19.961	ug/l	97
25) 2-Butanone	4.70	43	418105	101.957	ug/l	97
26) 2,2-Dichloropropane	4.59	77	138089	18.486	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	128421	19.969	ug/l	99
28) Bromochloromethane	5.02	49	88651	20.660	ug/l	96
29) Tetrahydrofuran	5.15	42	273314	101.193	ug/l	99
30) Chloroform	5.21	83	198252	19.798	ug/l	96
31) Cyclohexane	5.58	56	171272	19.496	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	165849	19.614	ug/l	99
36) 1,1-Dichloropropene	5.80	75	148940	19.700	ug/l	99
37) Ethyl Acetate	4.85	43	156209	19.852	ug/l	99
38) Carbon Tetrachloride	5.79	117	138012	18.784	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190661	19.156	ug/l	98
40) Benzene	6.14	78	457014	19.887	ug/l	98
41) Methacrylonitrile	5.06	41	87530	20.952	ug/l	98
42) 1,2-Dichloroethane	6.20	62	153959	19.661	ug/l	99
43) Isopropyl Acetate	6.46	43	241230	20.148	ug/l	99
44) Trichloroethene	7.21	130	135074	19.420	ug/l	94
45) 1,2-Dichloropropane	7.52	63	113044	20.214	ug/l	99
46) Dibromomethane	7.66	93	80849	19.655	ug/l	99
47) Bromodichloromethane	7.90	83	127900	18.728	ug/l	99
48) Methyl methacrylate	7.77	41	126798	20.826	ug/l	99
49) 1,4-Dioxane	7.75	88	68275	416.995	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	809345	106.242	ug/l	100
52) Toluene	8.78	92	296198	19.951	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	136098	18.582	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	158714	19.749	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	123236	20.279	ug/l	98
56) Ethyl methacrylate	9.18	69	177994	20.724	ug/l	99
57) 1,3-Dichloropropane	9.37	76	194993	19.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	460800	100.928	ug/l	99
59) 2-Hexanone	9.49	43	625075	107.242	ug/l	100
60) Dibromochloromethane	9.58	129	106930	18.366	ug/l	98
61) 1,2-Dibromoethane	9.67	107	132843	20.564	ug/l	99
64) Tetrachloroethene	9.34	164	132627	19.991	ug/l	99
65) Chlorobenzene	10.14	112	352205	19.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	109876	19.868	ug/l	99
67) Ethyl Benzene	10.25	91	568625	19.632	ug/l	99
68) m/p-Xylenes	10.36	106	458353	40.103	ug/l	100
69) o-Xylene	10.70	106	226529	20.071	ug/l	99
70) Styrene	10.71	104	360355	20.182	ug/l	99
71) Bromoform	10.86	173	75601	18.263	ug/l #	98
73) Isopropylbenzene	11.02	105	595567	19.671	ug/l	99
74) N-amyl acetate	10.90	43	221409	20.431	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183818	20.415	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	195108	23.723	ug/l	90
77) Bromobenzene	11.26	156	159149	19.443	ug/l	97
78) n-propylbenzene	11.36	91	652235	19.563	ug/l	99
79) 2-Chlorotoluene	11.42	91	397180	19.658	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	493061	19.772	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37832	17.046	ug/l #	84
82) 4-Chlorotoluene	11.51	91	459033	19.807	ug/l	99
83) tert-Butylbenzene	11.77	119	493506	19.773	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	504297	19.226	ug/l	100
85) sec-Butylbenzene	11.94	105	602595	19.692	ug/l	99
86) p-Isopropyltoluene	12.06	119	534422	19.868	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288895	19.584	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	289291	19.130	ug/l	97
89) n-Butylbenzene	12.38	91	444230	19.405	ug/l	99
90) Hexachloroethane	12.60	117	67022	18.165	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	291539	19.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33886	18.188	ug/l	98

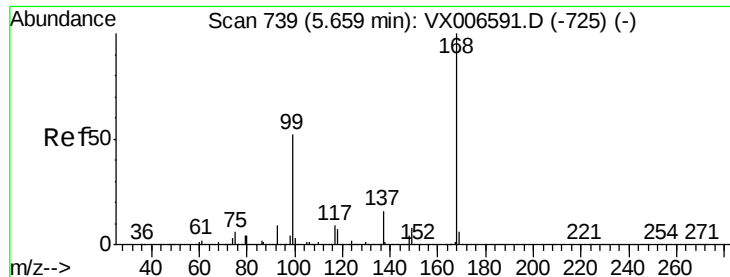
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	195427	19.199	ug/l	100
94) Hexachlorobutadiene	13.78	225	89925	18.742	ug/l	98
95) Naphthalene	13.83	128	628321	19.340	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	195481	18.600	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

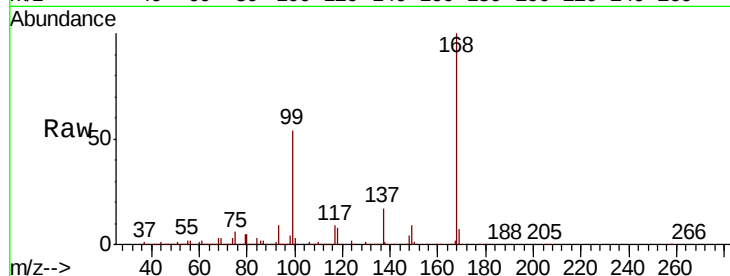
VX1220WBS01

Tot Ion:168 Resp: 588775

Ion Ratio Lower Upper

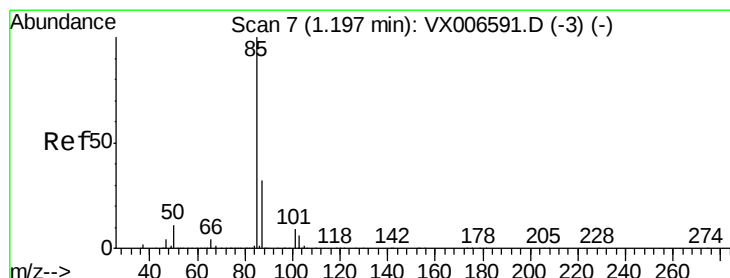
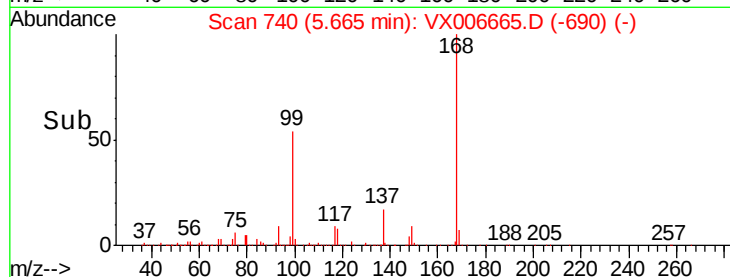
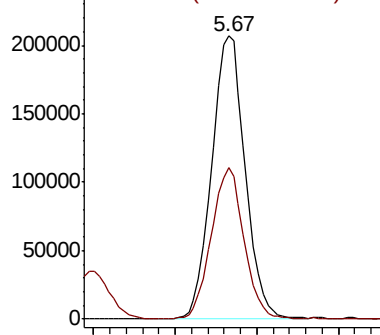
168 100

99 53.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.202 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006665.D

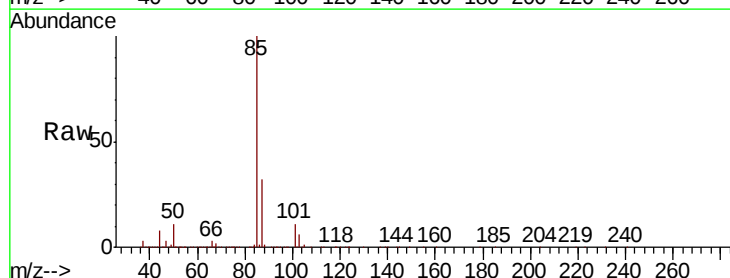
Acq: 20 Dec 2018 10:27

Tgt Ion: 85 Resp: 103428

Ion Ratio Lower Upper

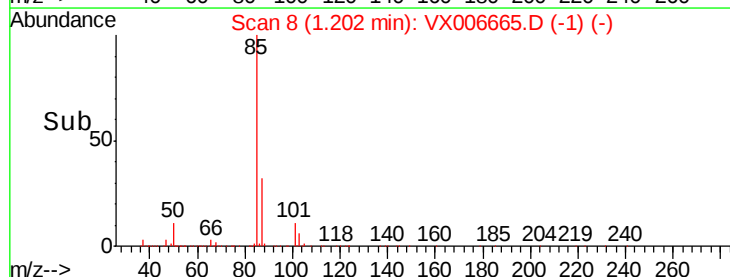
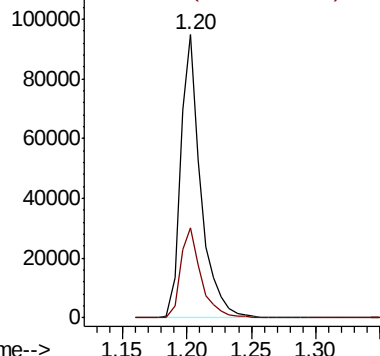
85 100

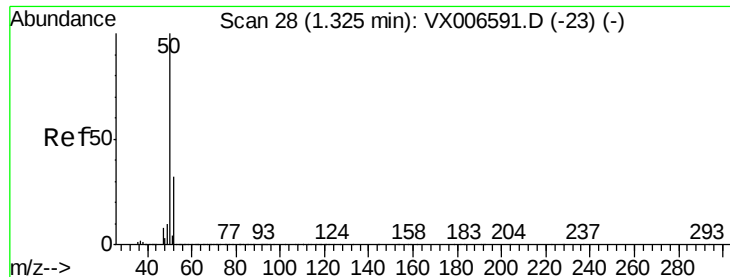
87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.169 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

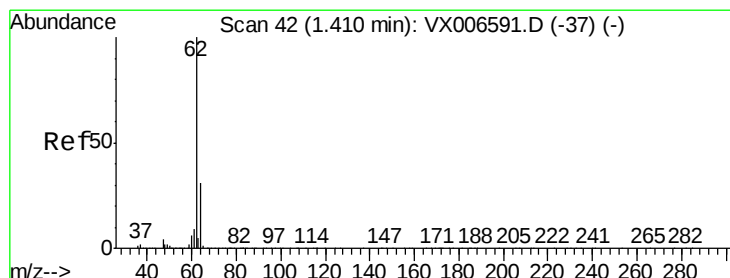
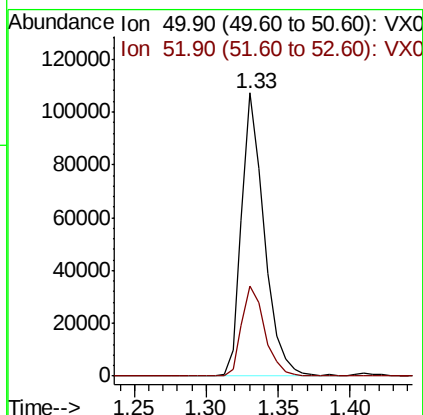
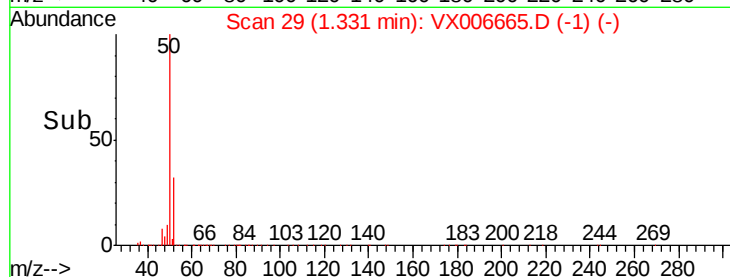
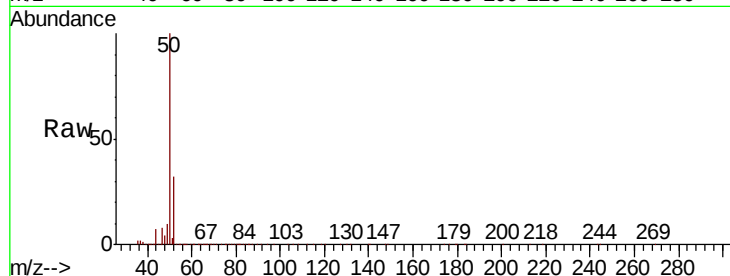
VX1220WBS01

Tot Ion: 50 Resp: 117038

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



#4

Vinyl Chloride

Concen: 19.887 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006665.D

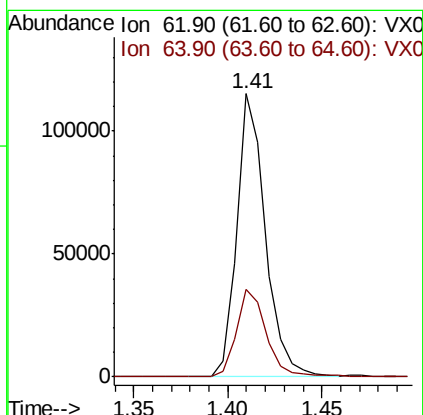
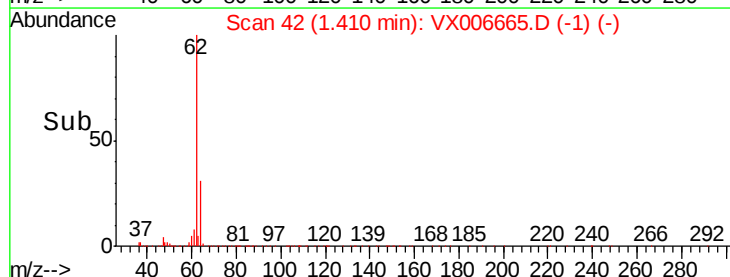
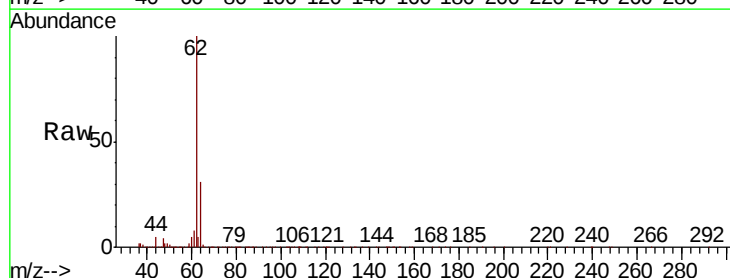
Acq: 20 Dec 2018 10:27

Tgt Ion: 62 Resp: 120528

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 20.925 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampled :

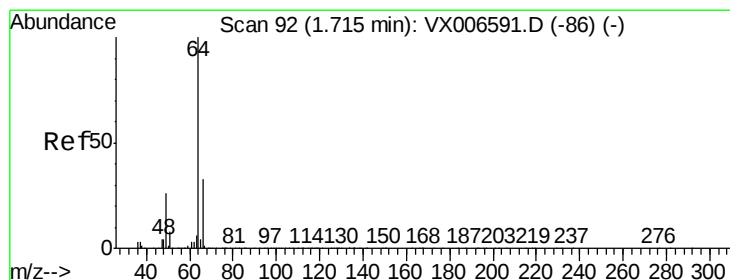
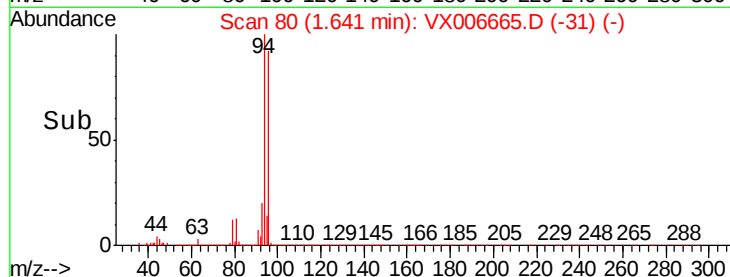
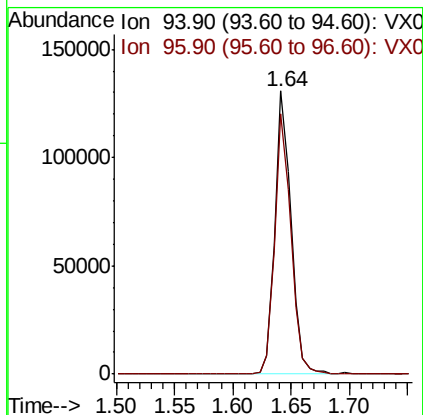
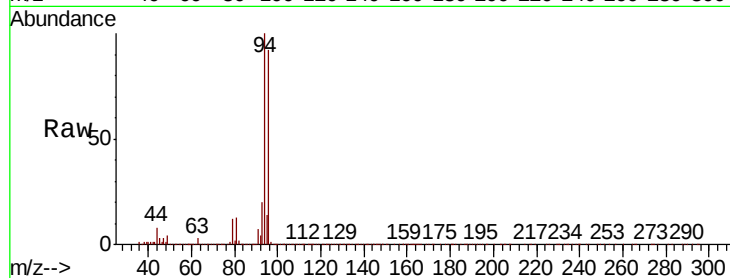
VX1220WBS01

Tot Ion: 94 Resp: 124650

Ion Ratio Lower Upper

94 100

96 92.1 73.4 110.2



#6

Chloroethane

Concen: 18.445 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006665.D

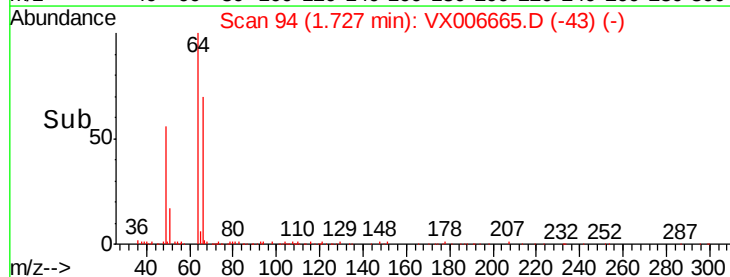
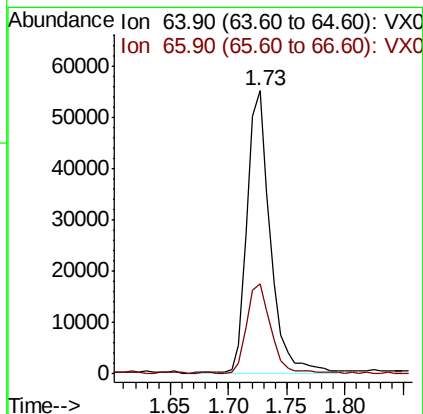
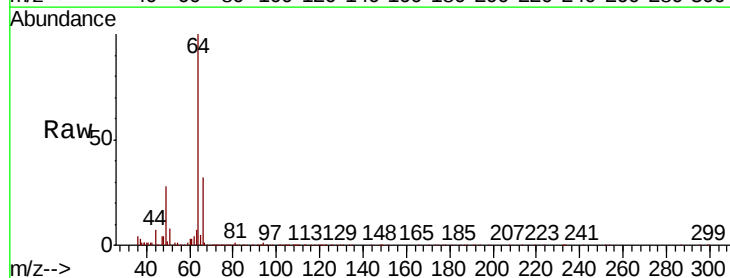
Acq: 20 Dec 2018 10:27

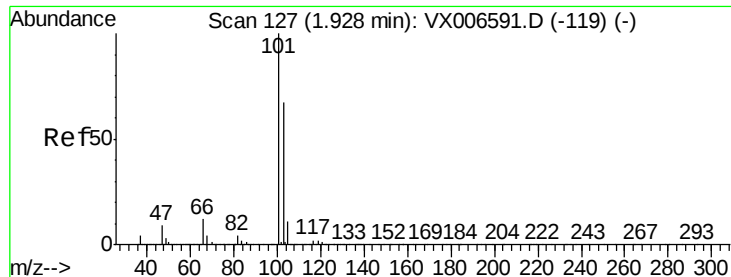
Tgt Ion: 64 Resp: 77403

Ion Ratio Lower Upper

64 100

66 31.8 26.4 39.6



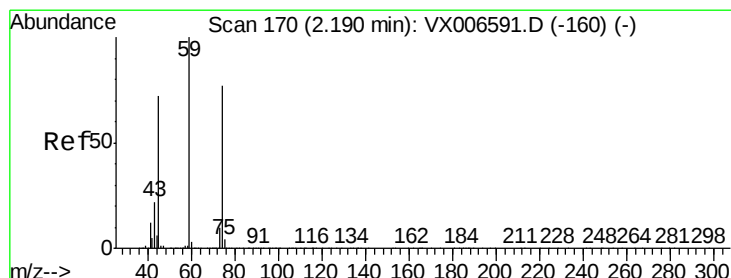
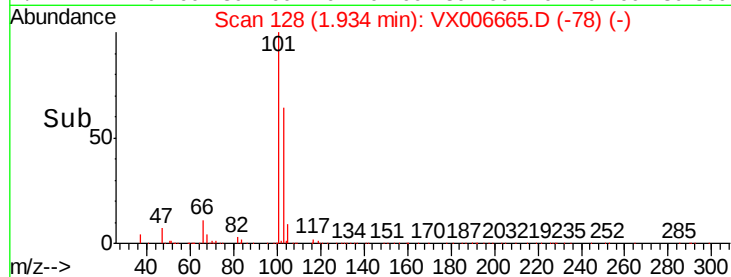
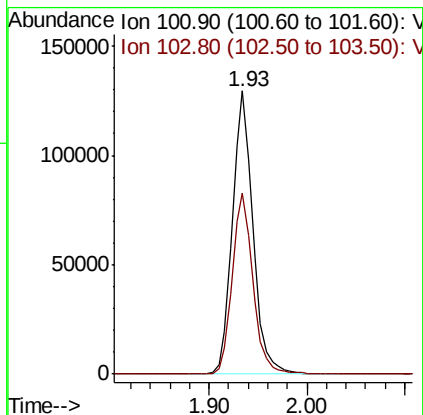
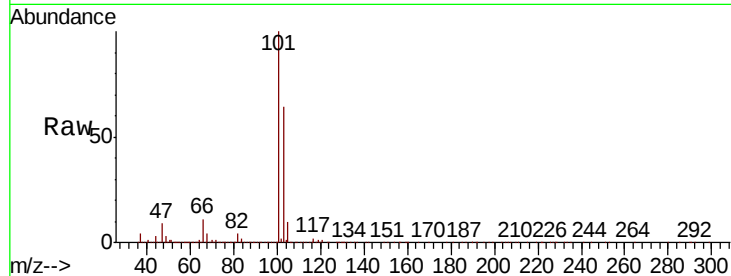


#7

Trichlorofluoromethane
 Concen: 19.928 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

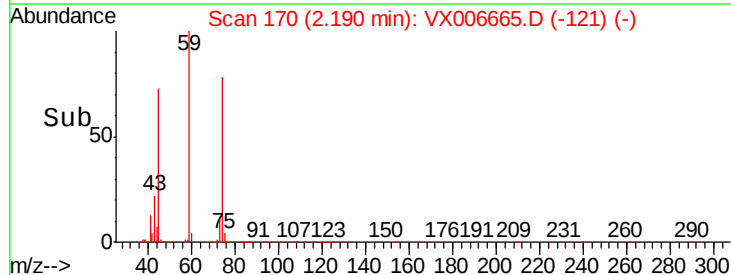
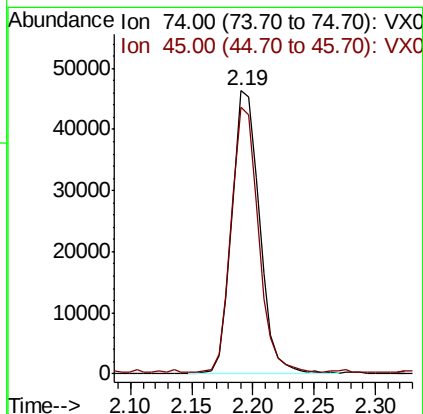
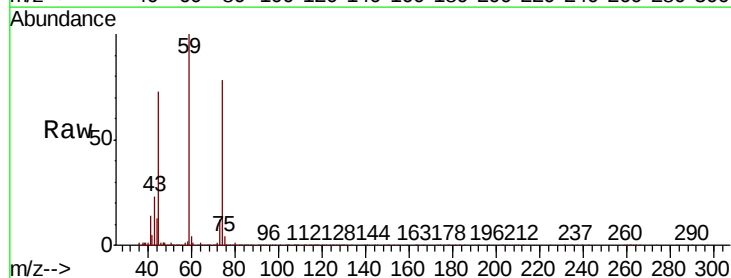
Tot Ion:101 Resp: 188299
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.2 79.8

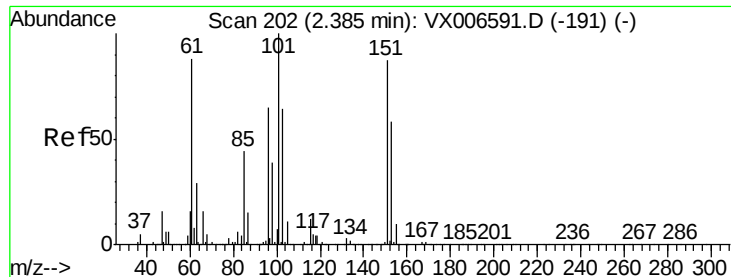


#8

Diethyl Ether
 Concen: 19.325 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion: 74 Resp: 72526
 Ion Ratio Lower Upper
 74 100
 45 92.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.578 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

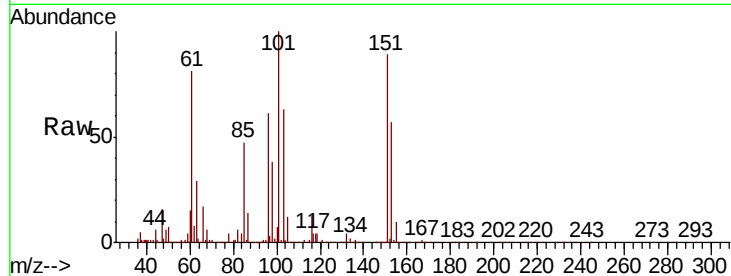
Tot Ion:101 Resp: 108619

Ion Ratio Lower Upper

101 100

85 44.8 35.1 52.7

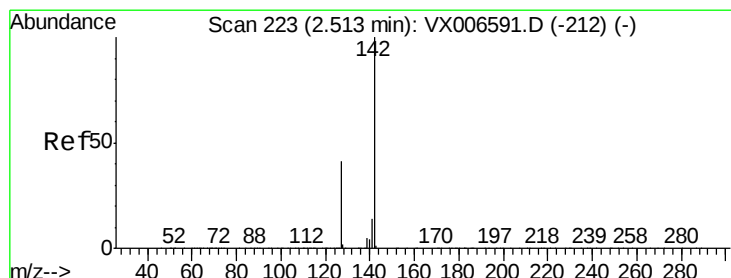
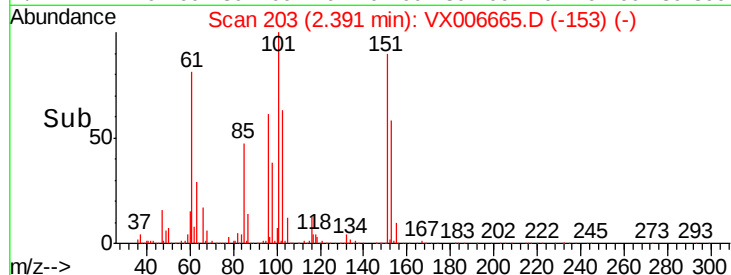
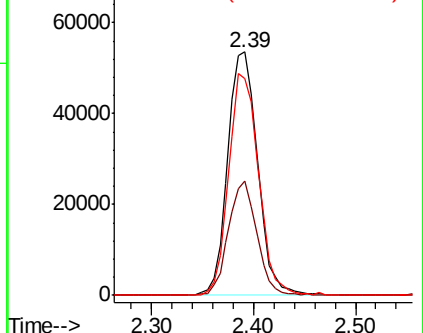
151 90.5 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.675 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

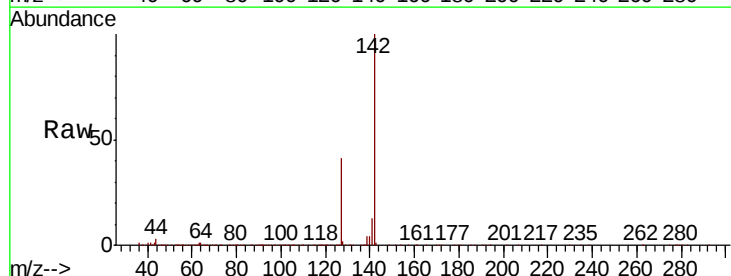
Tgt Ion:142 Resp: 164192

Ion Ratio Lower Upper

142 100

127 43.2 33.9 50.9

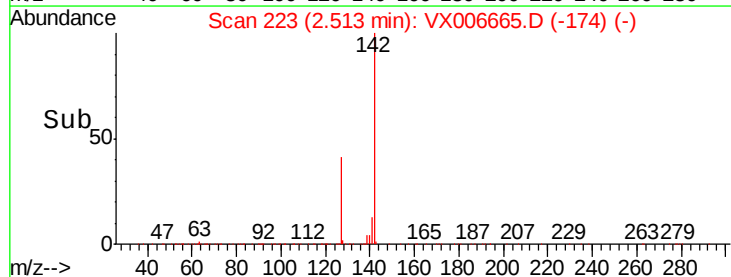
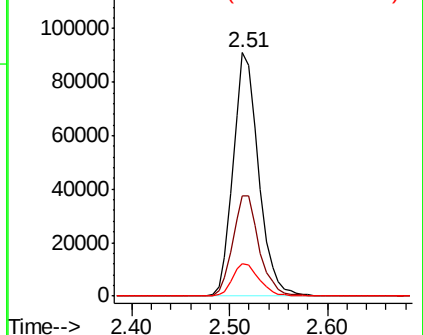
141 14.2 11.4 17.0

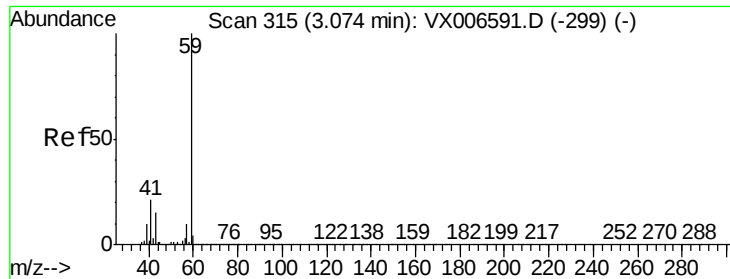


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

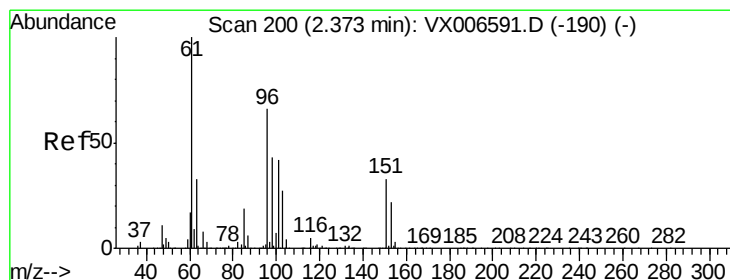
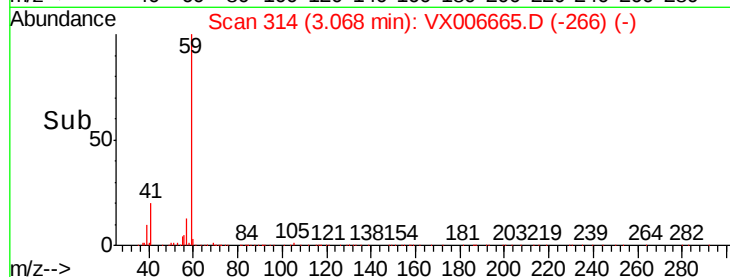
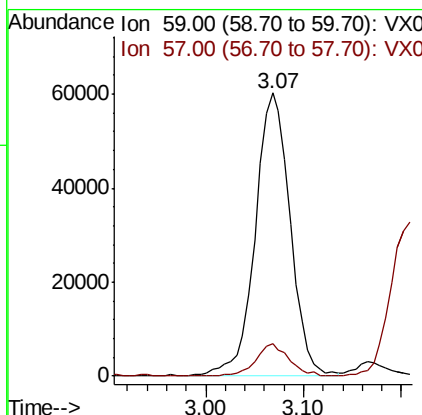
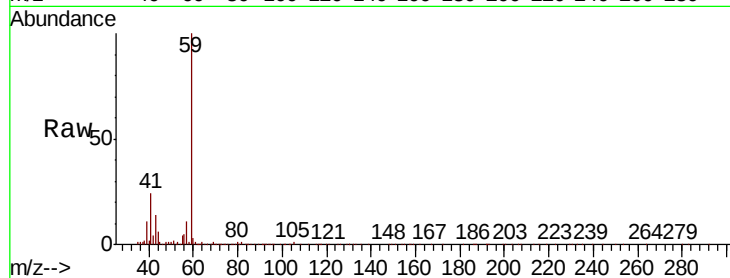




#11
Tert butyl alcohol
Concen: 104.920 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

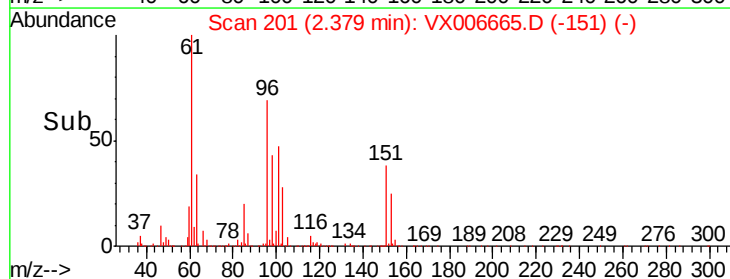
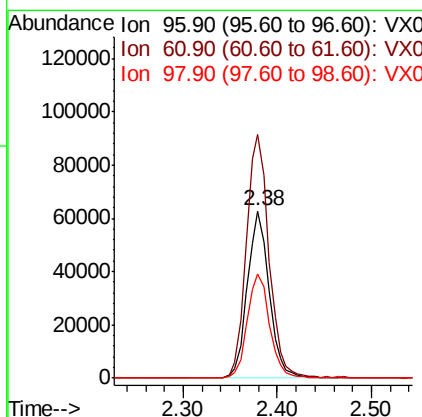
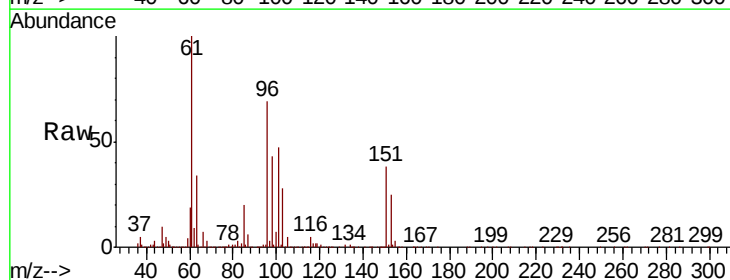
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

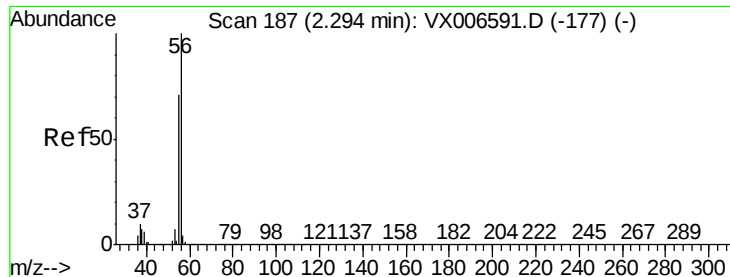
Tot Ion: 59 Resp: 148583
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.289 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 96 Resp: 101468
Ion Ratio Lower Upper
96 100
61 145.7 121.4 182.2
98 62.6 51.9 77.9





#13

Acrolein

Concen: 84.348 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

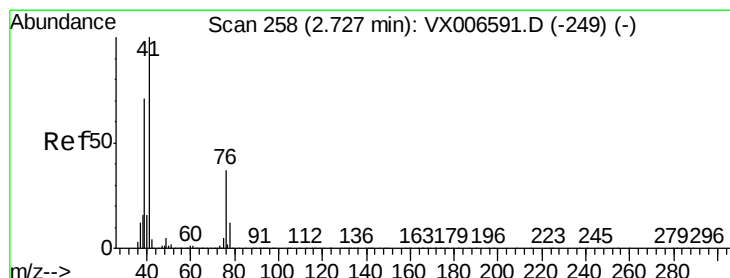
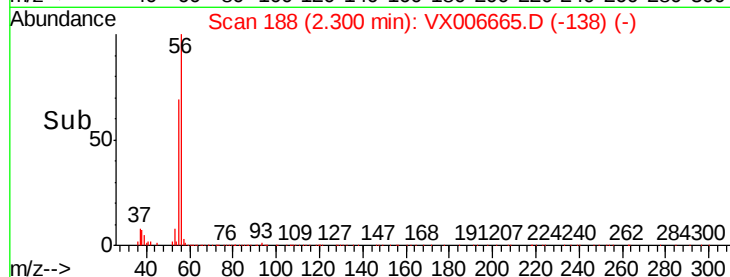
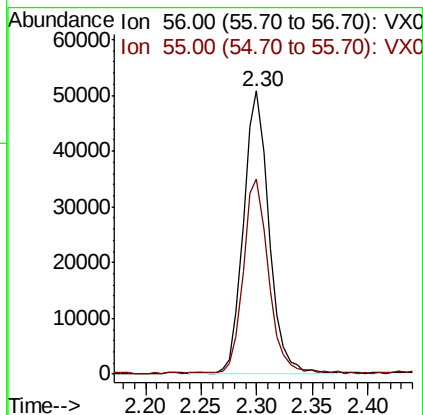
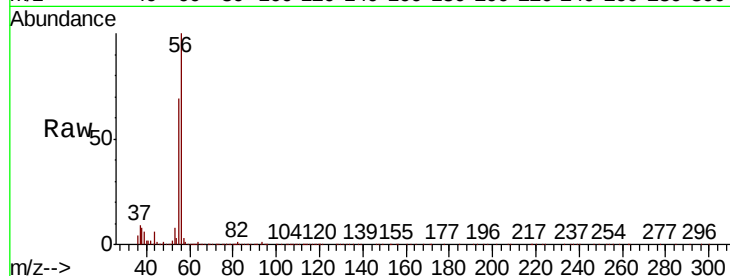
VX1220WBS01

Tot Ion: 56 Resp: 80582

Ion Ratio Lower Upper

56 100

55 66.9 58.2 87.4



#14

Allyl chloride

Concen: 19.708 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

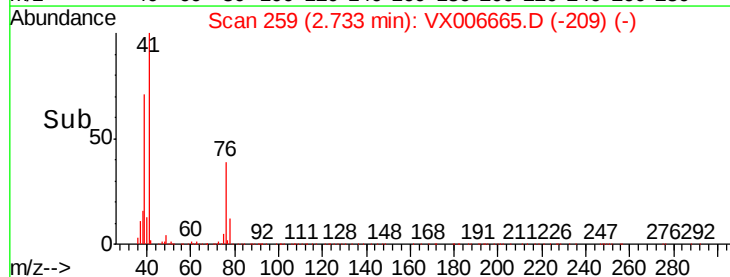
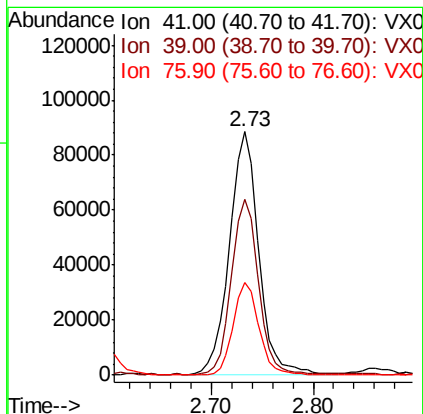
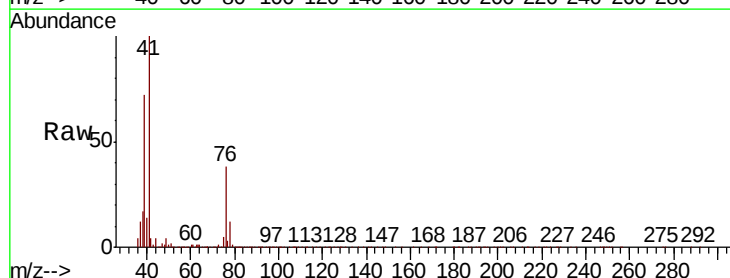
Tgt Ion: 41 Resp: 174513

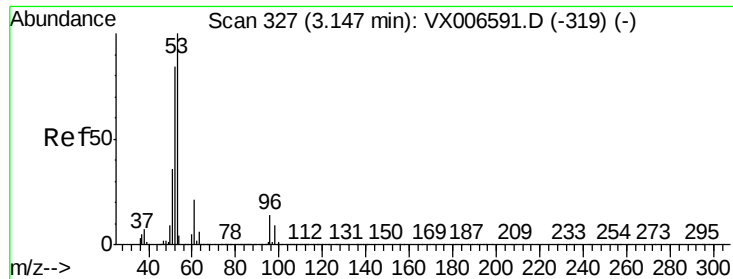
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 33.0 27.4 41.2





#15

Acrylonitrile

Concen: 102.104 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

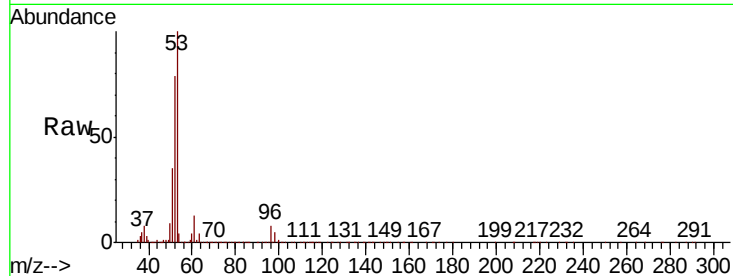
Tot Ion: 53 Resp: 321047

Ion Ratio Lower Upper

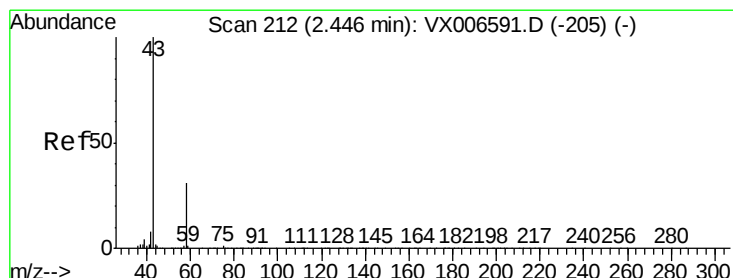
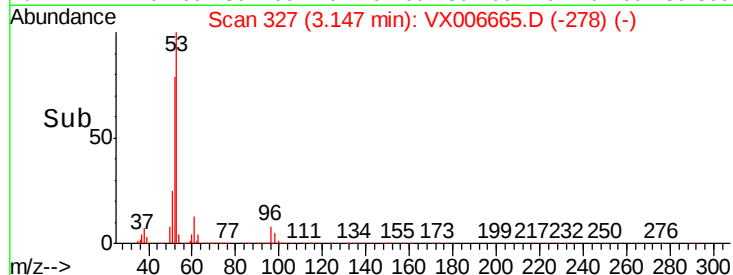
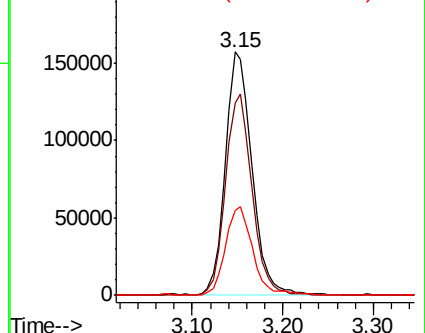
53 100

52 81.9 66.0 99.0

51 36.9 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 101.838 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006665.D

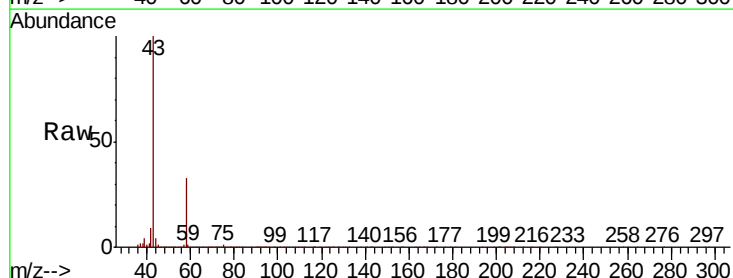
Acq: 20 Dec 2018 10:27

Tgt Ion: 43 Resp: 296894

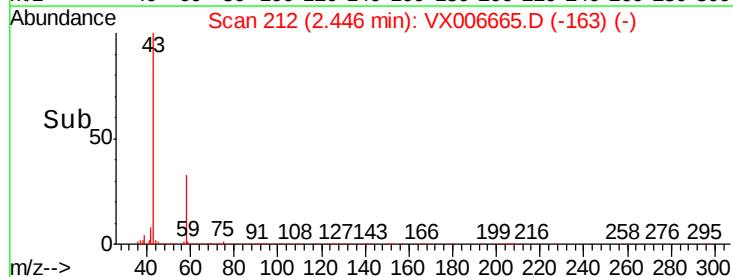
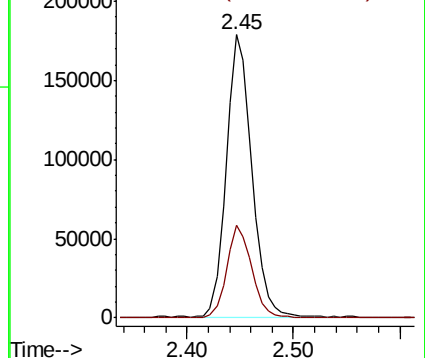
Ion Ratio Lower Upper

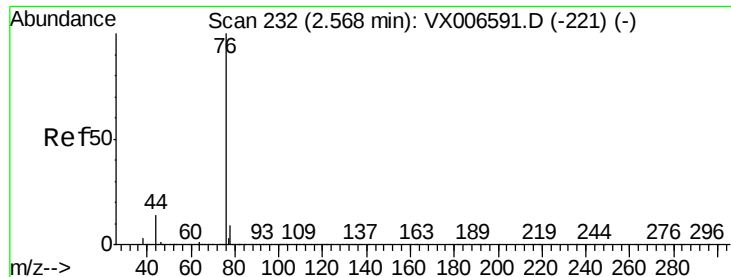
43 100

58 32.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.829 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

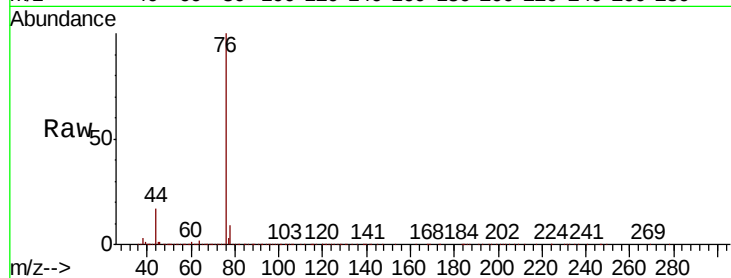
VX1220WBS01

Tot Ion: 76 Resp: 234281

Ion Ratio Lower Upper

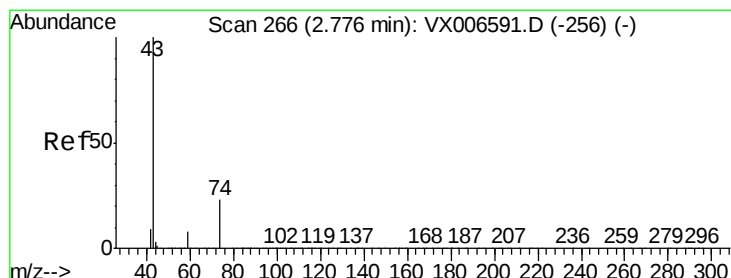
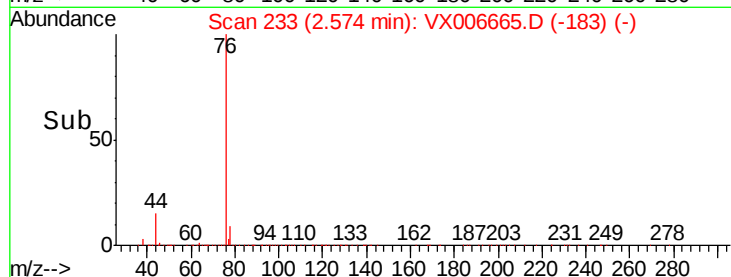
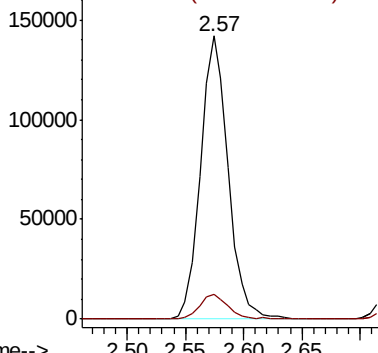
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.016 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006665.D

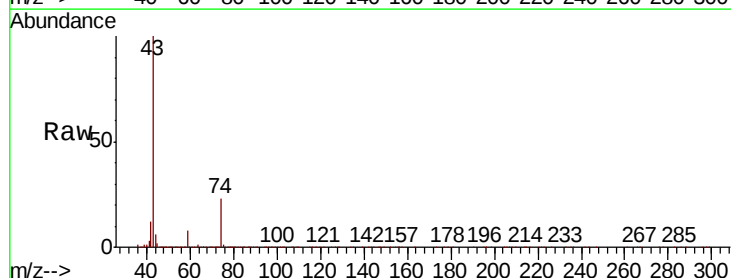
Acq: 20 Dec 2018 10:27

Tgt Ion: 43 Resp: 180162

Ion Ratio Lower Upper

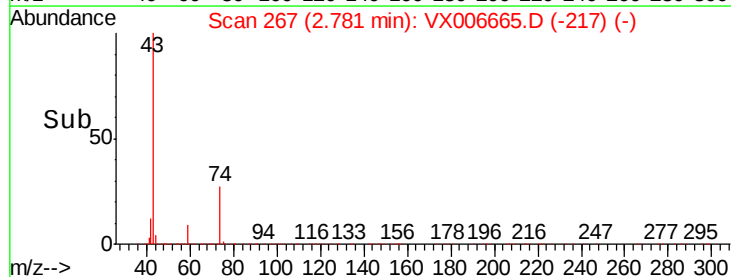
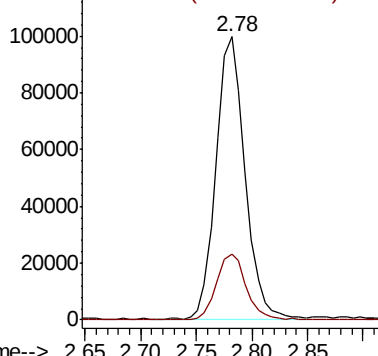
43 100

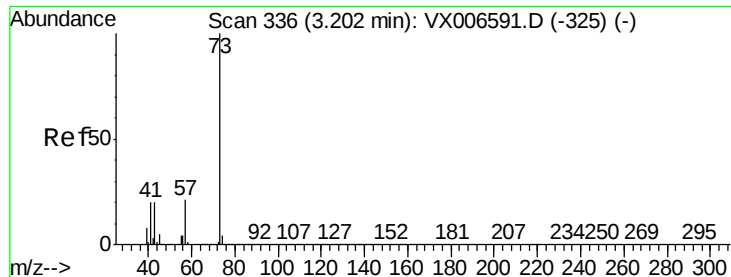
74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

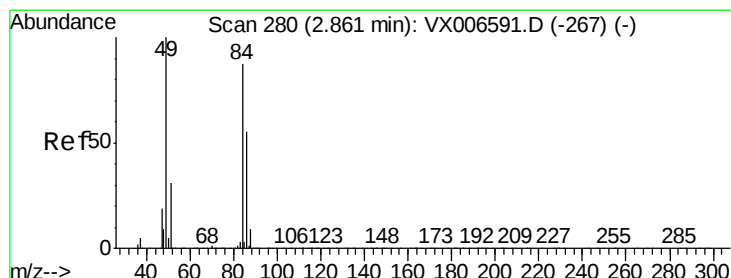
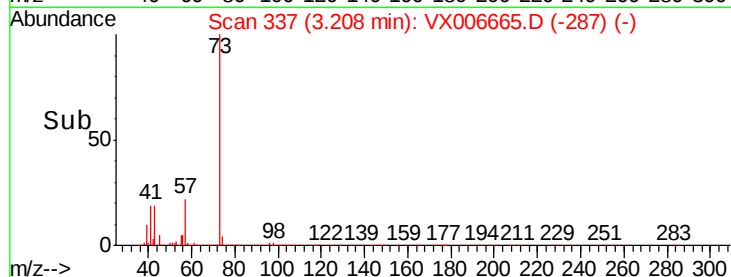
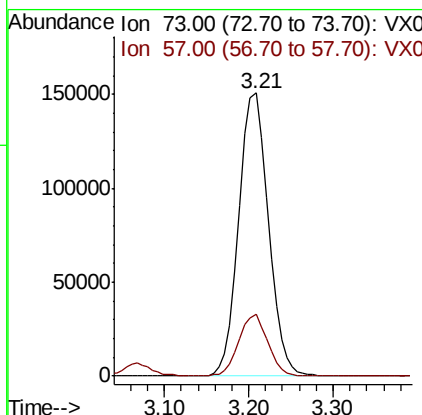
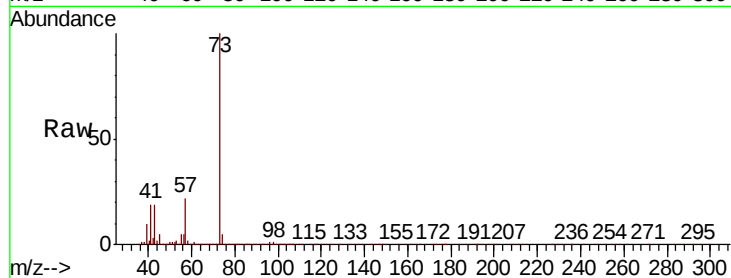




#19
Methvl tert-butvl Ether
Concen: 20.653 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

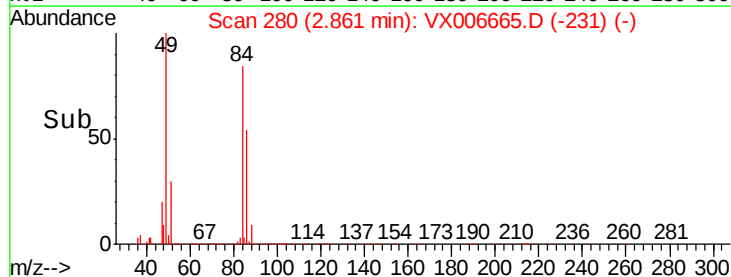
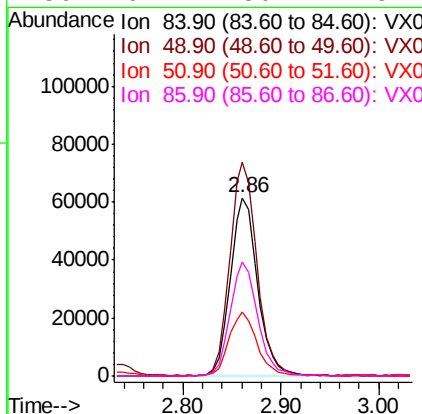
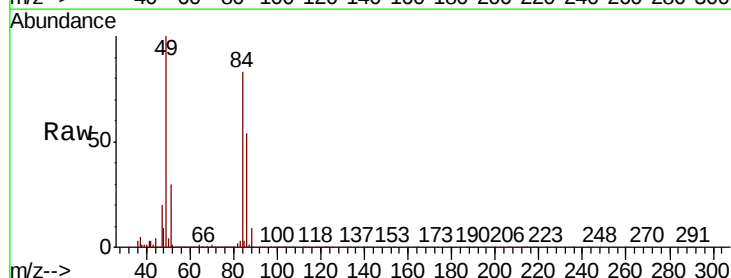
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion: 73 Resp: 360594
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 19.650 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 84 Resp: 118460
Ion Ratio Lower Upper
84 100
49 119.5 91.8 137.6
51 35.8 28.5 42.7
86 64.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.908 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampled :

VX1220WBS01

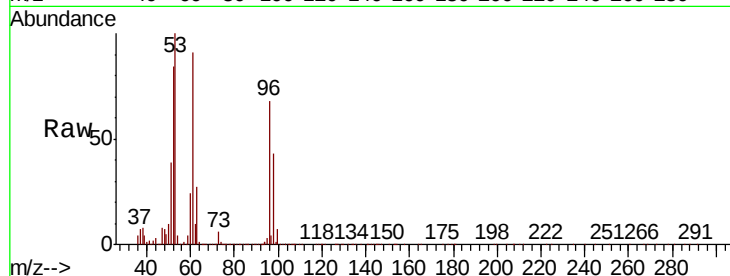
Tot Ion: 96 Resp: 110207

Ion Ratio Lower Upper

96 100

61 134.1 103.7 155.5

98 63.2 51.0 76.6

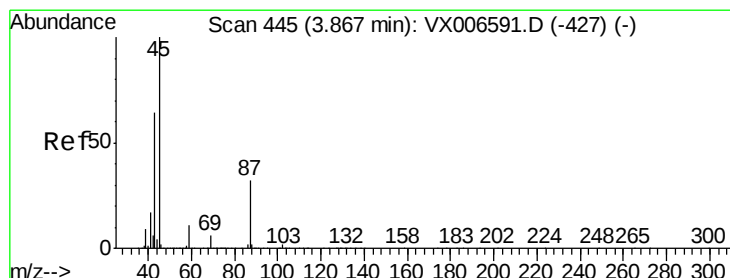
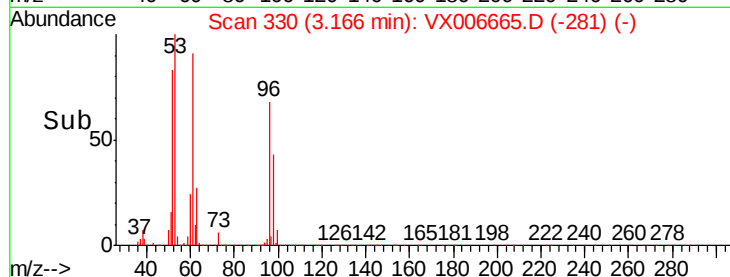
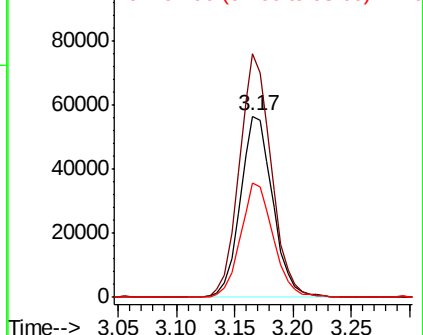


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.646 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Tgt Ion: 45 Resp: 334454

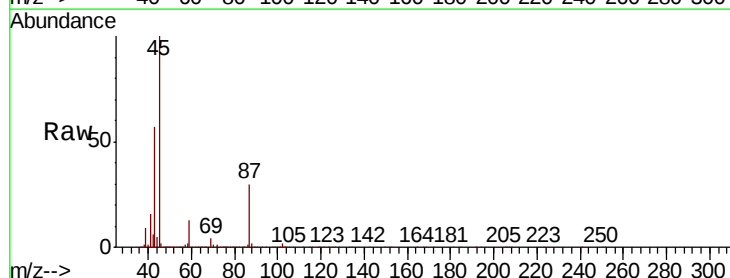
Ion Ratio Lower Upper

45 100

43 56.6 51.2 76.8

87 30.3 25.8 38.6

59 12.5 9.0 13.4



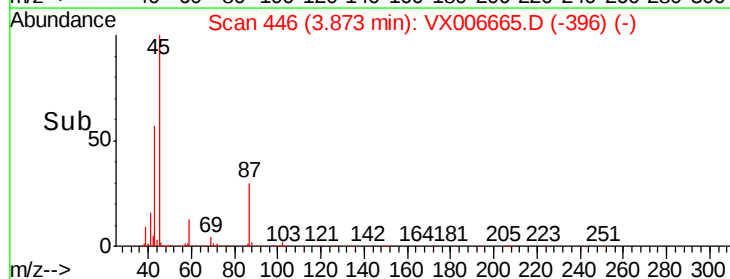
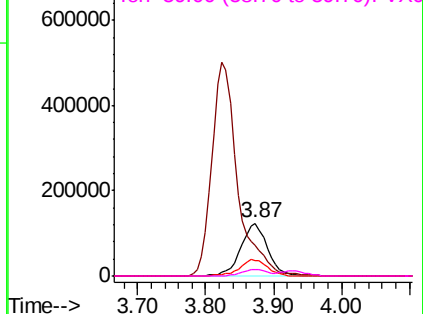
Abundance

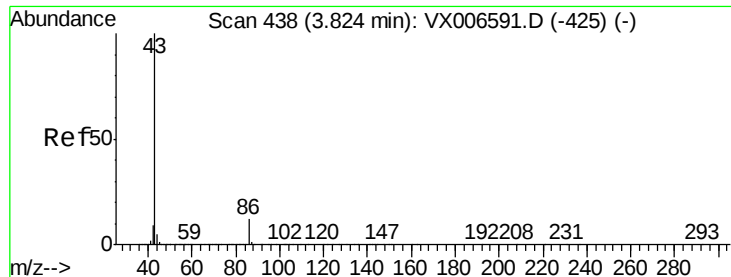
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

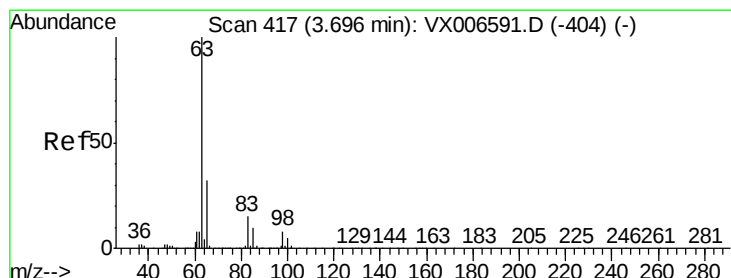
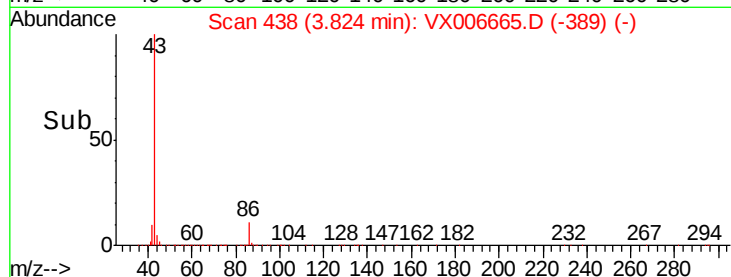
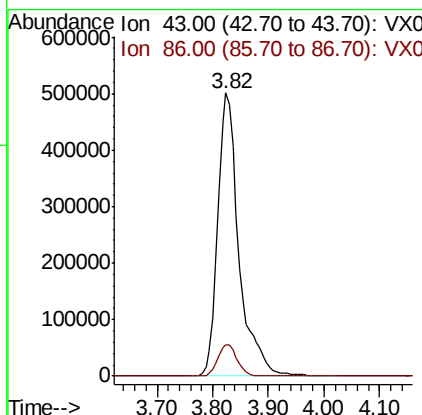
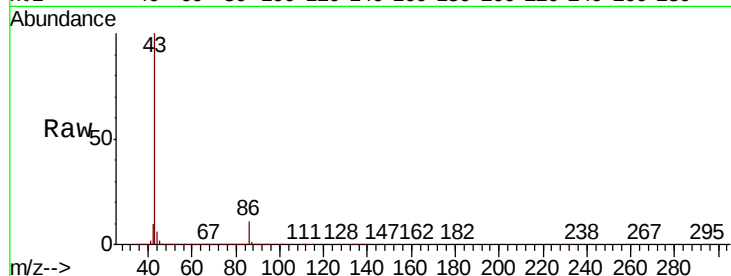




#23
 Vinyl Acetate
 Concen: 99.882 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

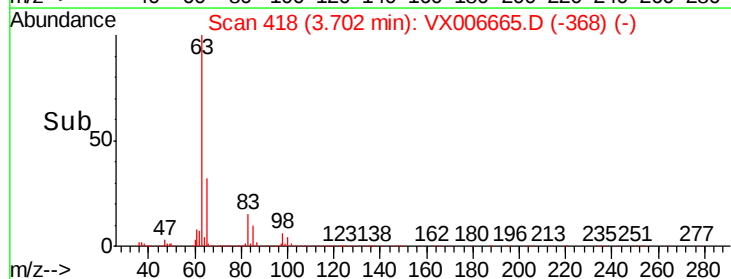
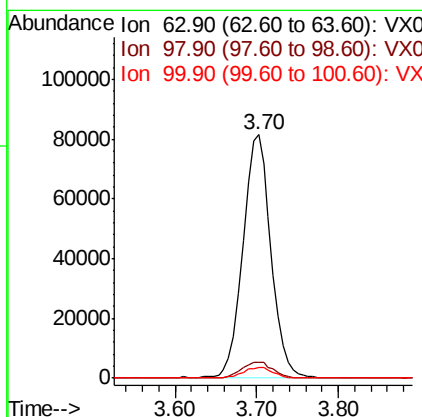
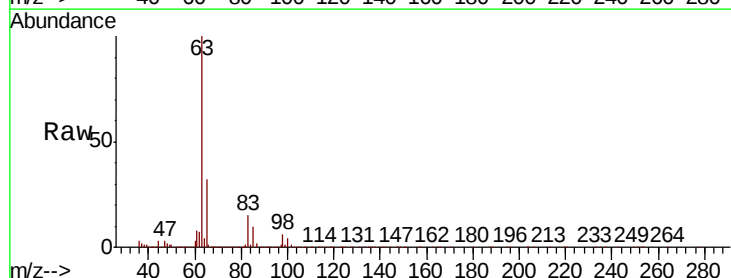
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1220WBS01

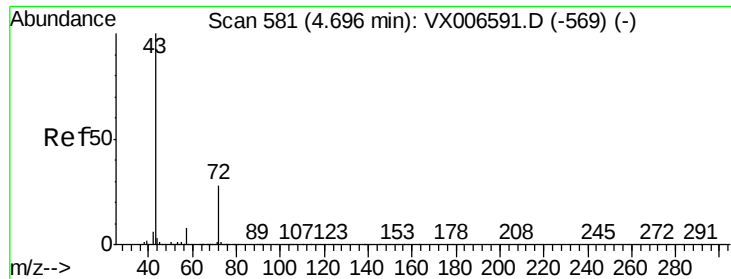
Tot Ion: 43 Resp: 1323485
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 19.961 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion: 63 Resp: 193024
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.5
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 101.957 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

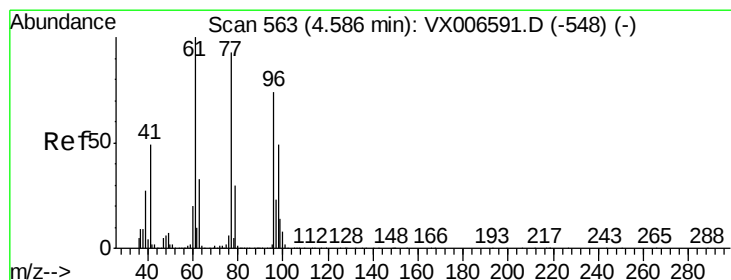
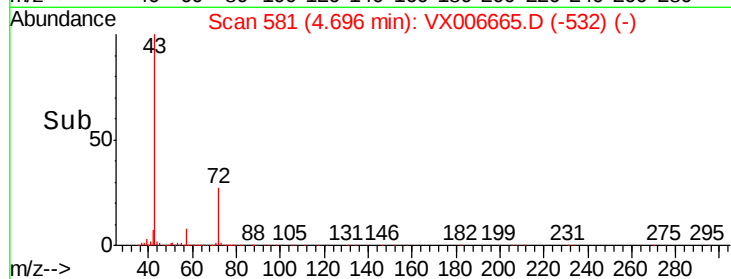
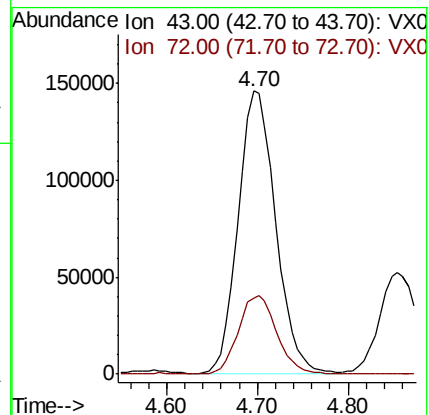
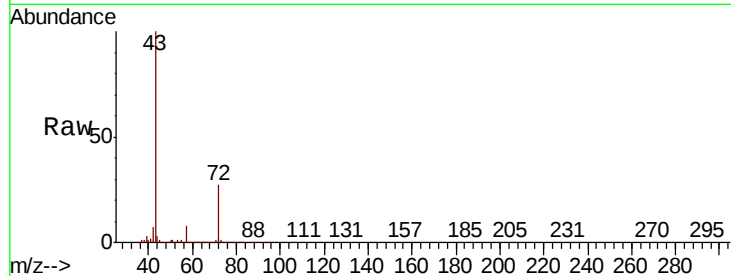
VX1220WBS01

Tot Ion: 43 Resp: 418105

Ion Ratio Lower Upper

43 100

72 26.5 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.486 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX006665.D

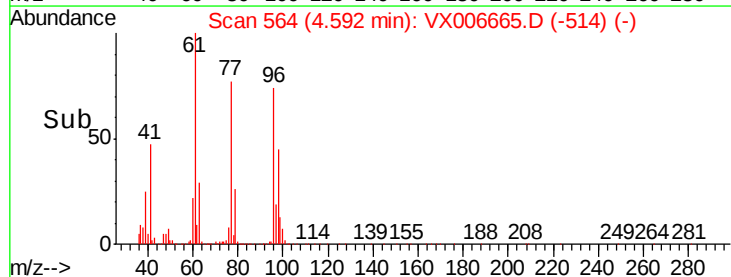
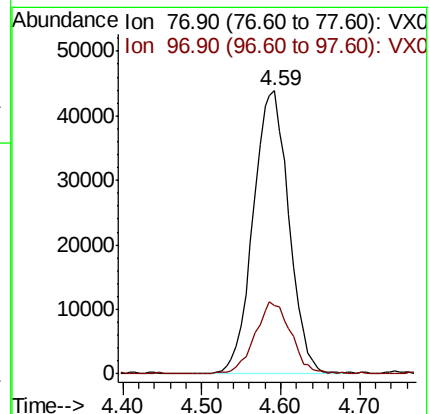
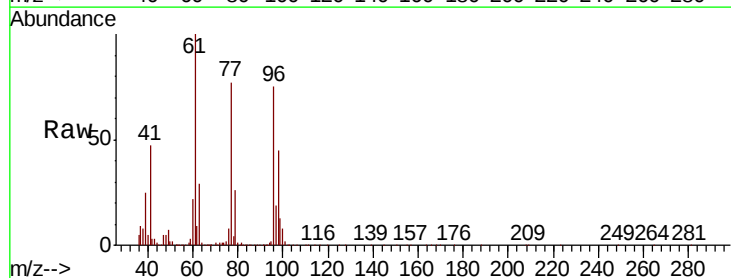
Acq: 20 Dec 2018 10:27

Tgt Ion: 77 Resp: 138089

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.4



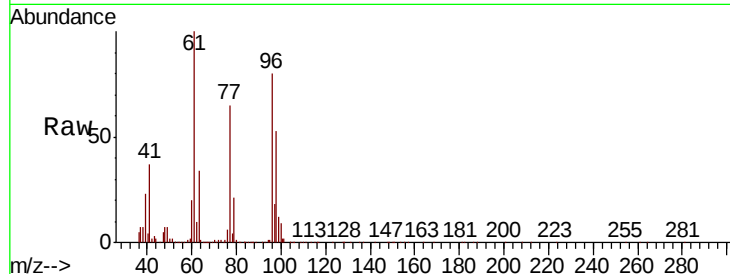


#27

cis-1,2-Dichloroethene
 Concen: 19.969 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	258.6
98	64.8	0.0	132.0

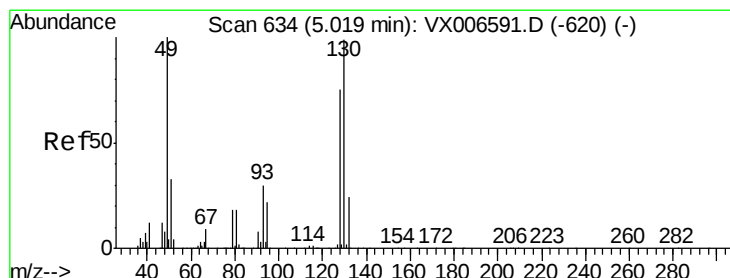
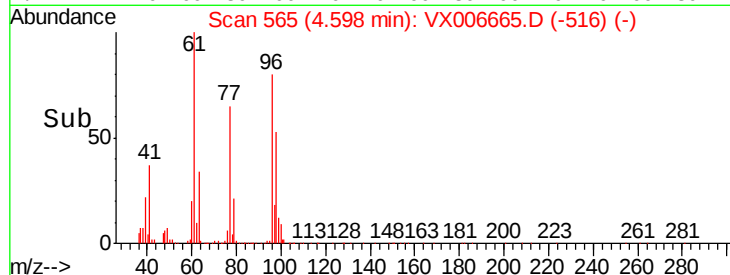
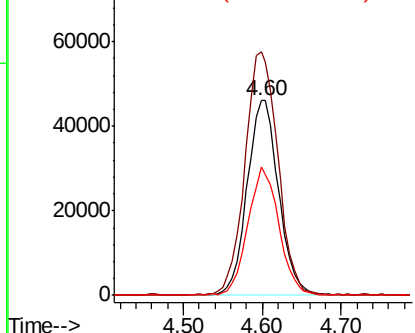


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

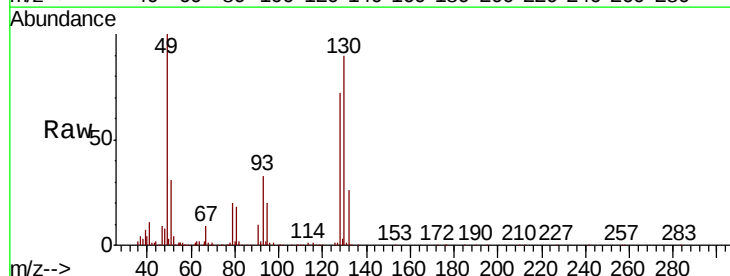
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 20.660 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	92.9	77.7	116.5

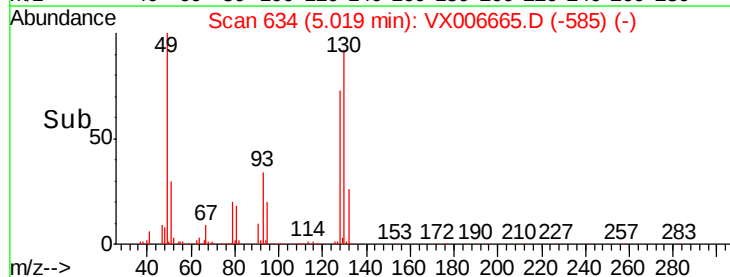
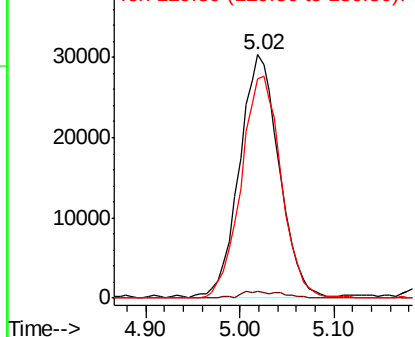


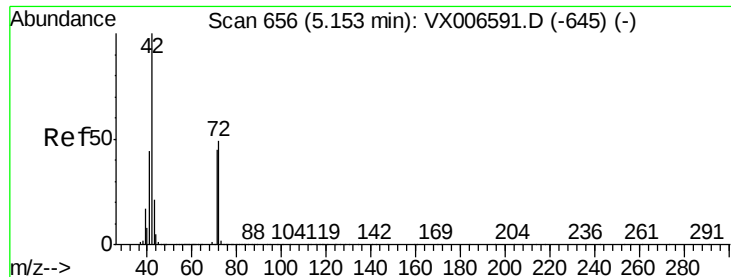
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.193 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

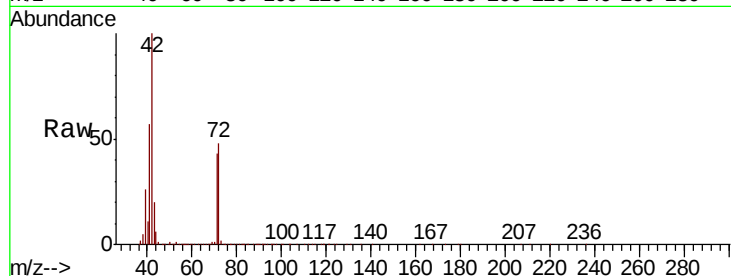
Tot Ion: 42 Resp: 273314

Ion Ratio Lower Upper

42 100

72 48.2 38.9 58.3

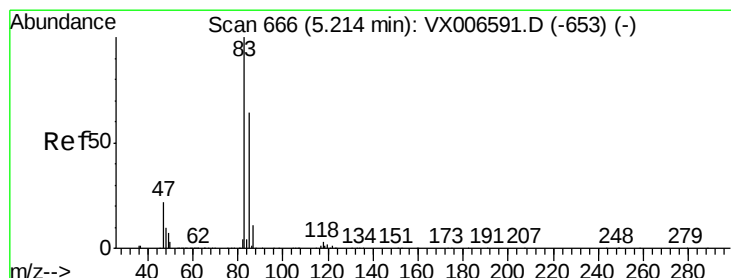
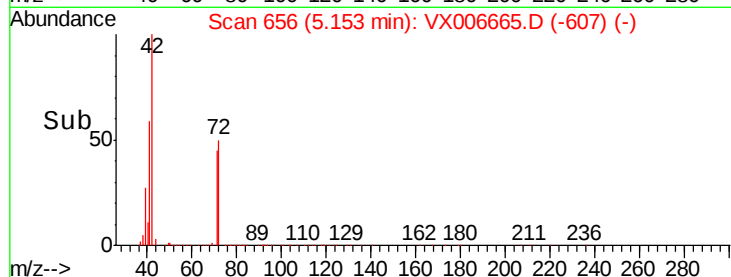
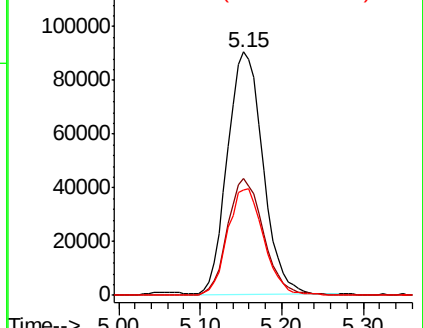
71 44.6 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.798 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006665.D

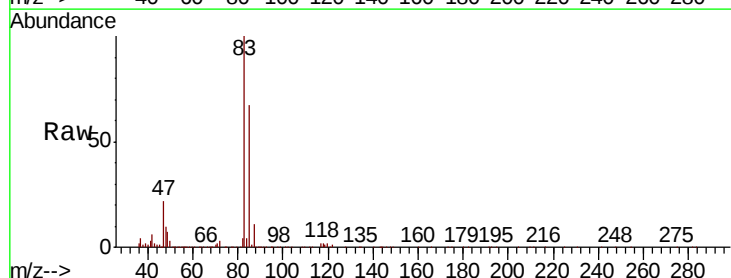
Acq: 20 Dec 2018 10:27

Tgt Ion: 83 Resp: 198252

Ion Ratio Lower Upper

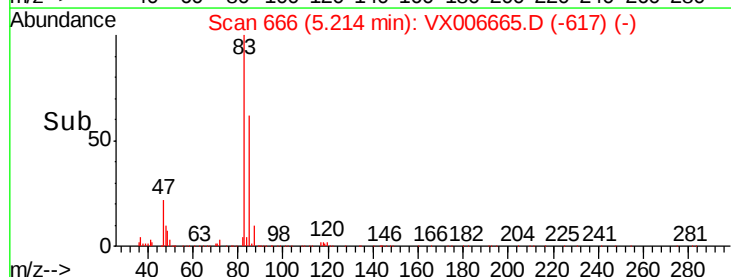
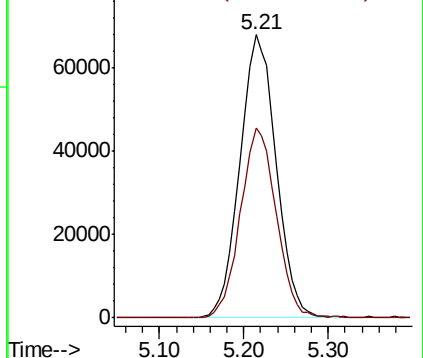
83 100

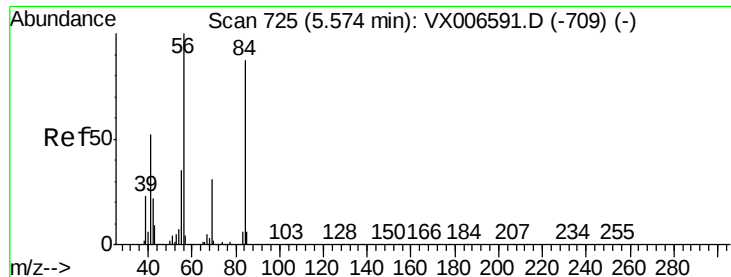
85 66.9 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

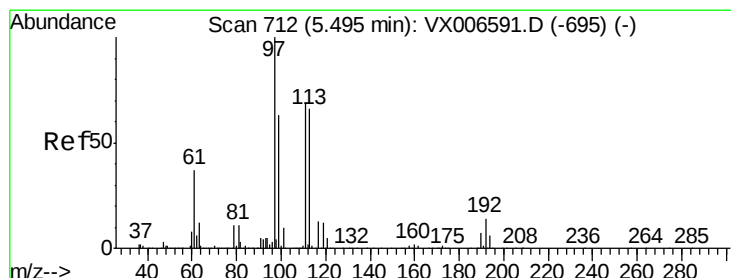
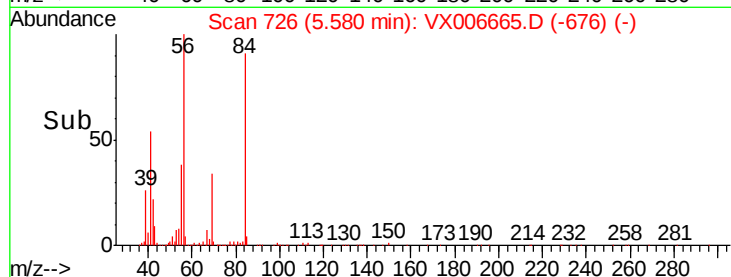
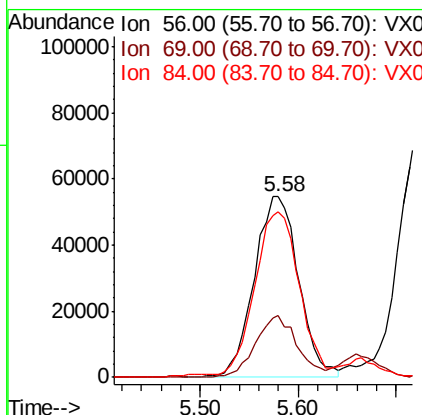
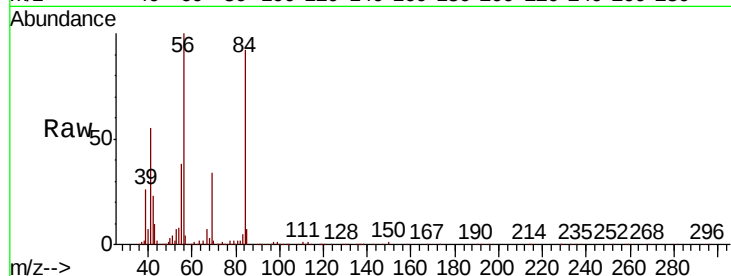




#31
Cvclohexane
Concen: 19.496 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

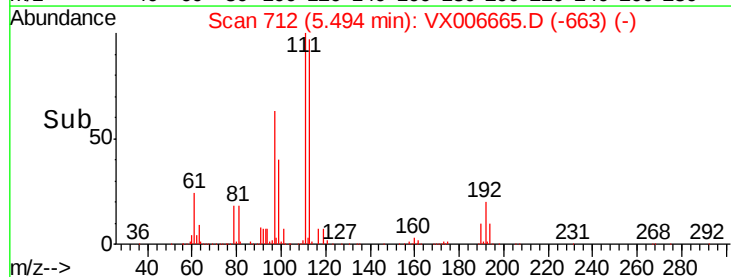
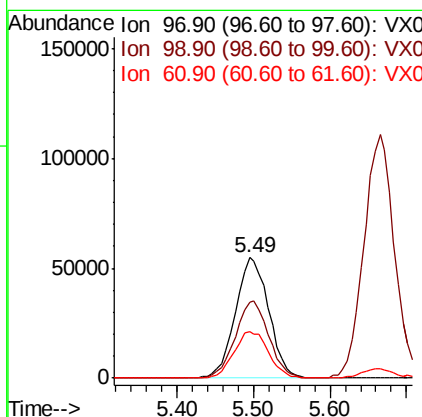
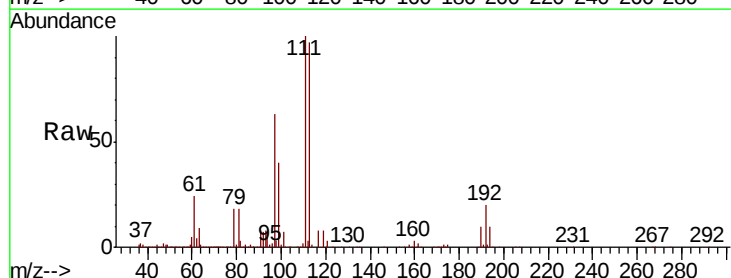
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

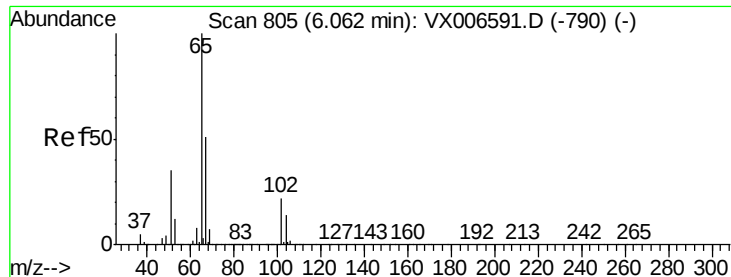
Tot Ion: 56 Resp: 171272
Ion Ratio Lower Upper
56 100
69 33.2 24.4 36.6
84 90.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.614 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 97 Resp: 165849
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 40.7 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.089 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

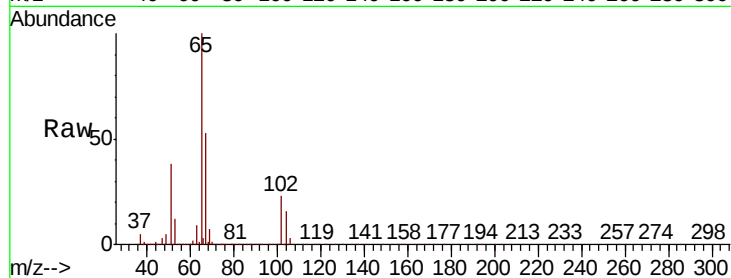
VX1220WBS01

Tot Ion: 65 Resp: 317844

Ion Ratio Lower Upper

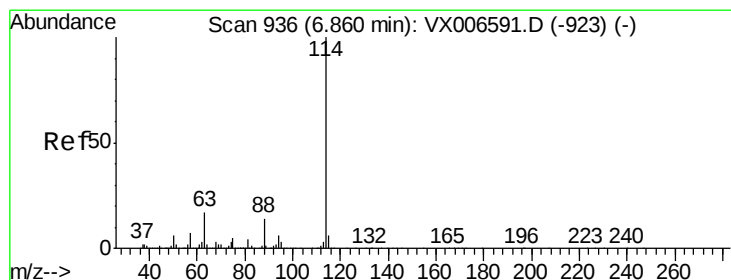
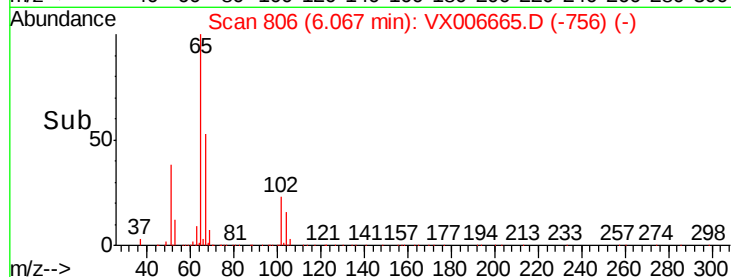
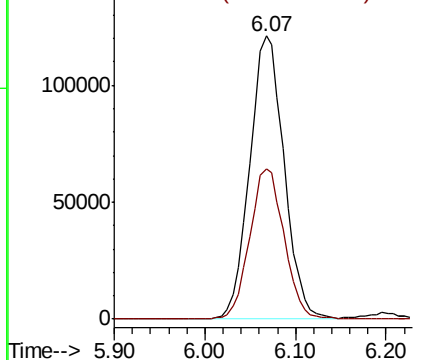
65 100

67 52.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

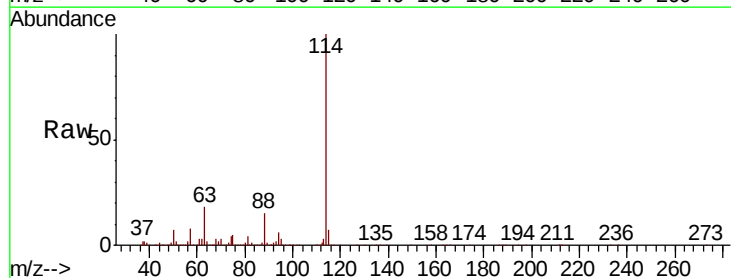
Tgt Ion: 114 Resp: 912822

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

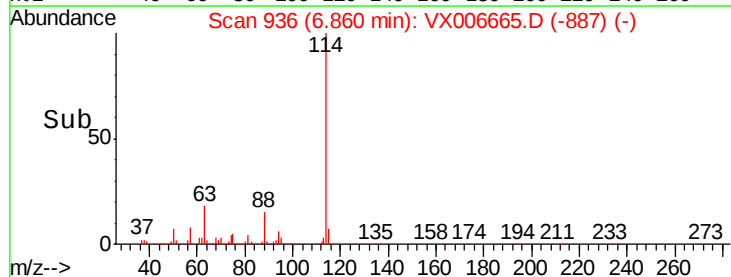
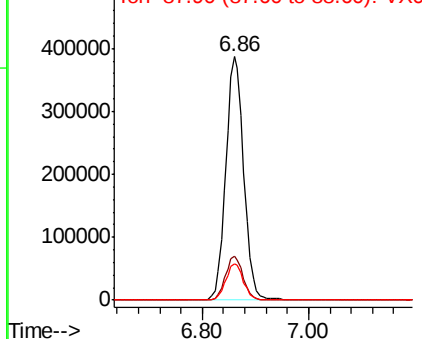
88 14.9 0.0 28.8

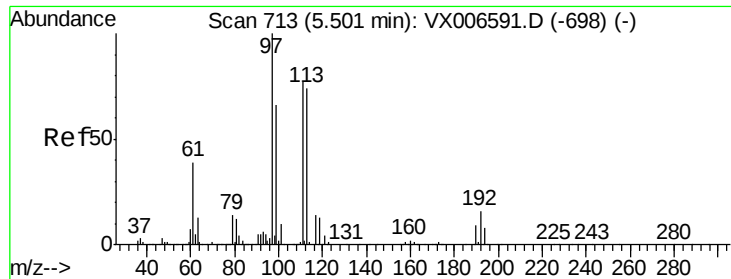


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.593 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampled :

VX1220WBS01

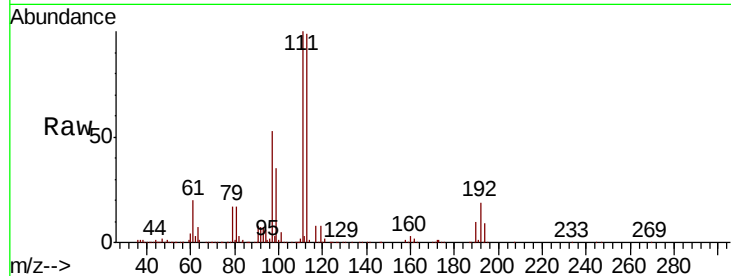
Tot Ion:113 Resp: 280506

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

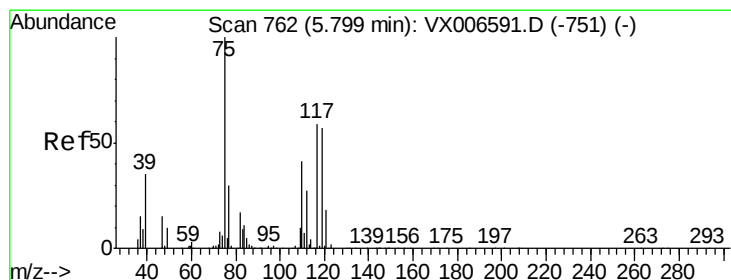
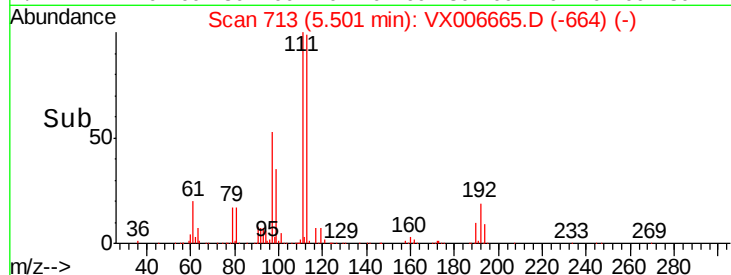
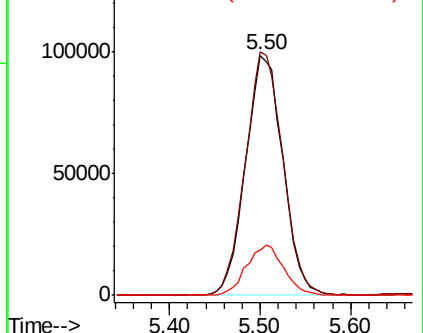
192 21.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.700 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

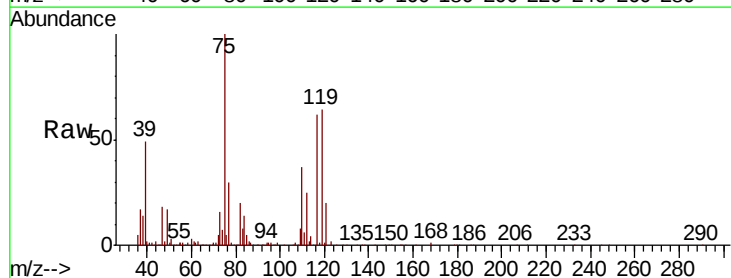
Tgt Ion: 75 Resp: 148940

Ion Ratio Lower Upper

75 100

110 39.8 20.2 60.5

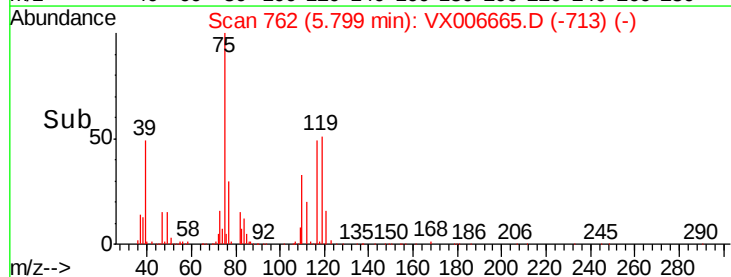
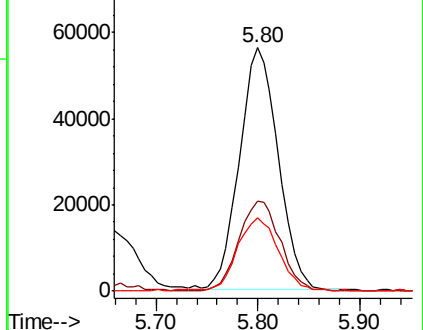
77 31.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

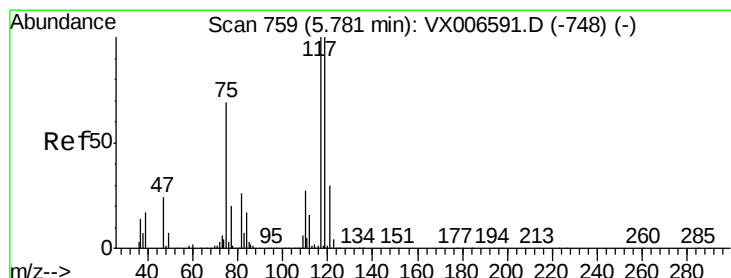
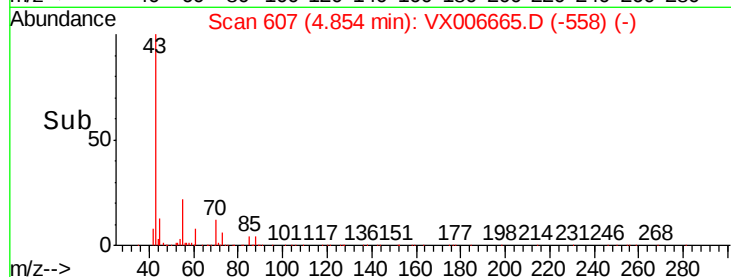
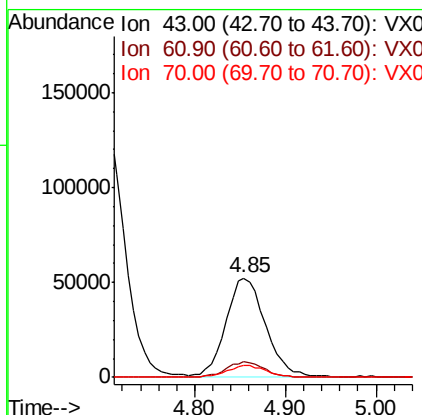
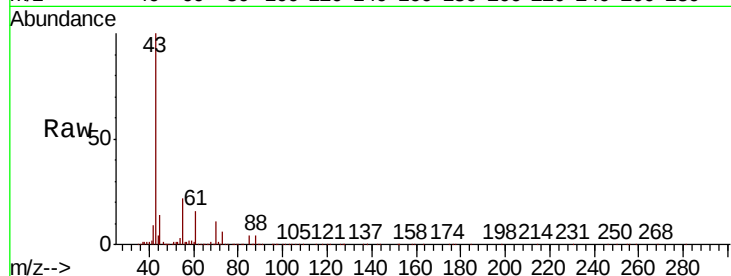




#37
Ethyl Acetate
Concen: 19.852 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

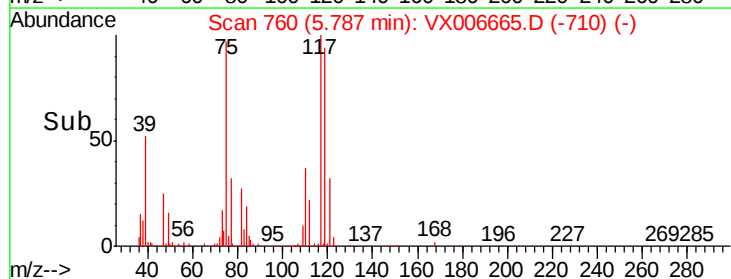
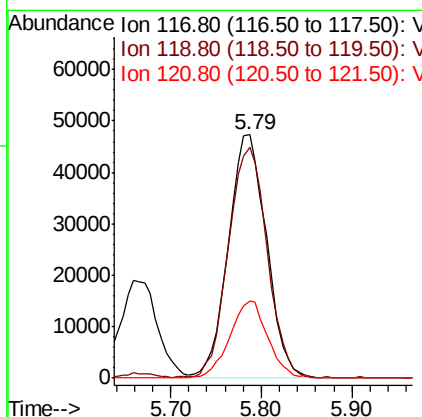
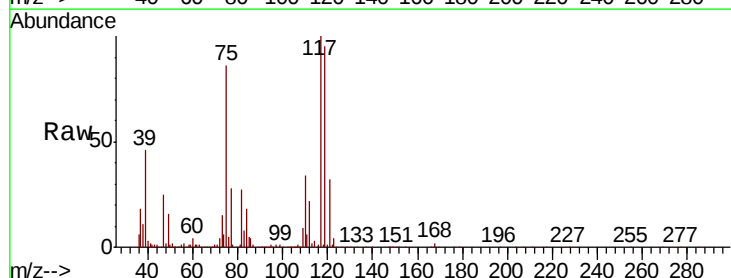
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

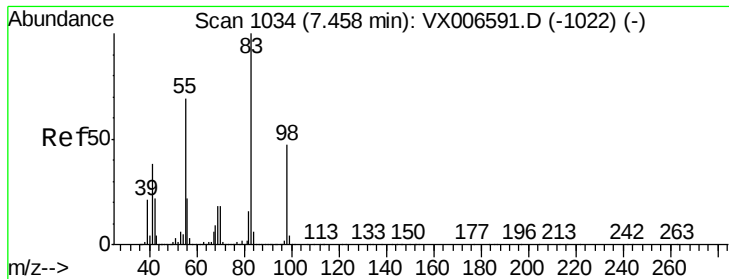
Tot Ion: 43 Resp: 156209
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.784 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 117 Resp: 138012
Ion Ratio Lower Upper
117 100
119 95.2 79.4 119.2
121 31.9 24.0 36.0

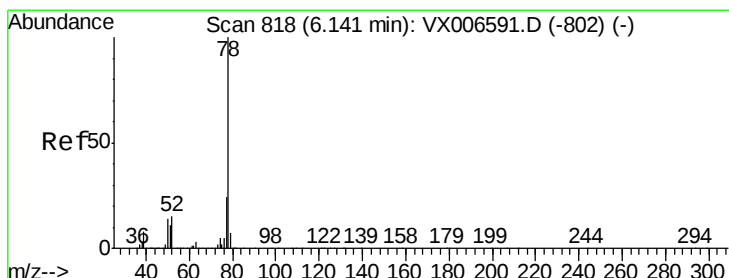
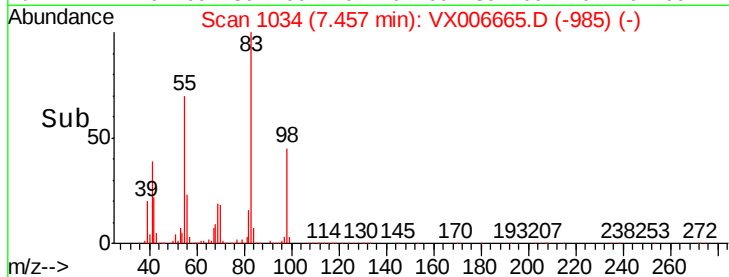
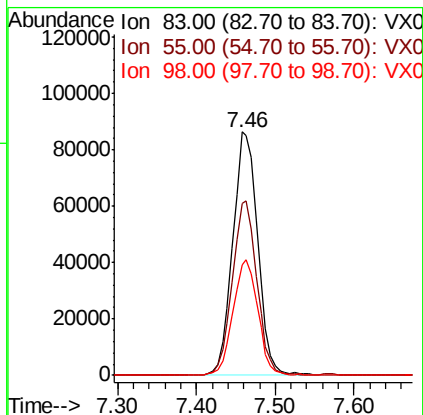
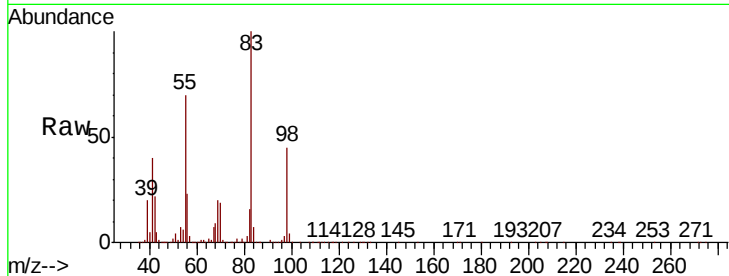




#39
Methvlcvclohexane
Concen: 19.156 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

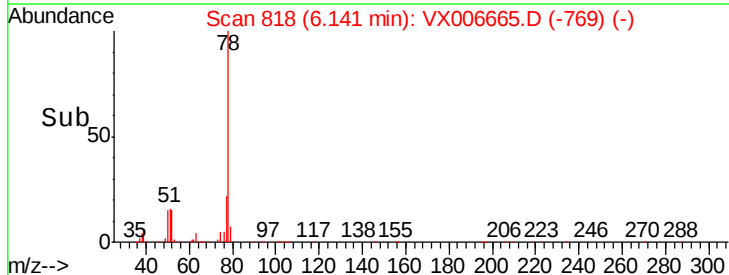
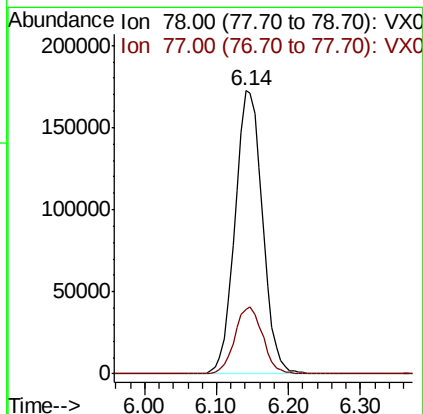
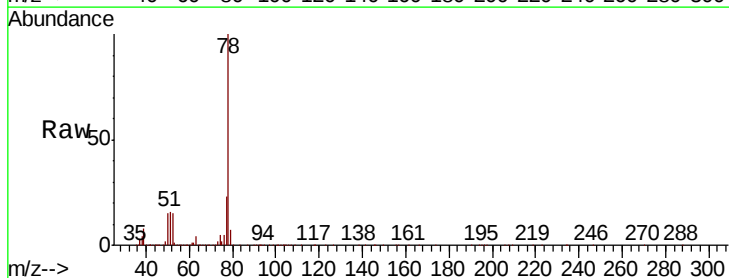
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

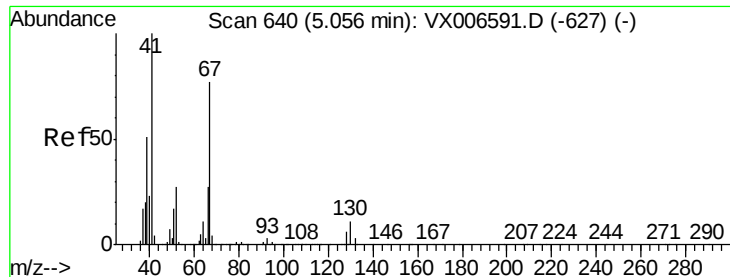
Tot Ion: 83 Resp: 190661
Ion Ratio Lower Upper
83 100
55 70.3 54.9 82.3
98 45.4 37.9 56.9



#40
Benzene
Concen: 19.887 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 78 Resp: 457014
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8





#41

Methacrylonitrile

Concen: 20.952 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 41 Resp: 87530

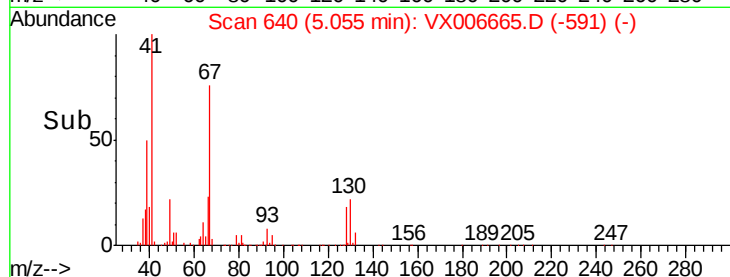
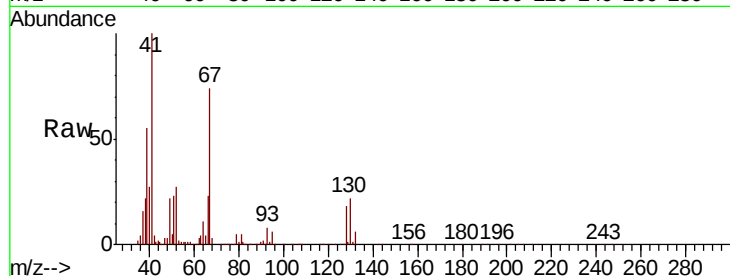
Ion Ratio Lower Upper

41 100

39 54.7 42.8 64.2

67 78.4 62.1 93.1

52 32.1 23.4 35.0

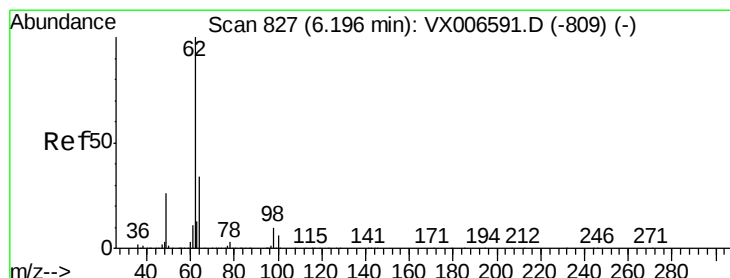
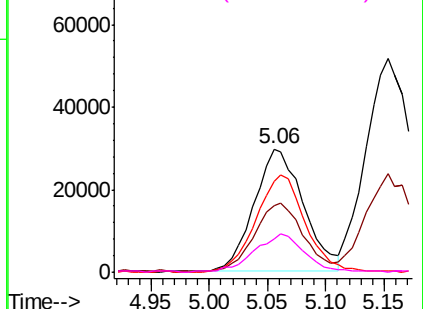


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.661 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006665.D

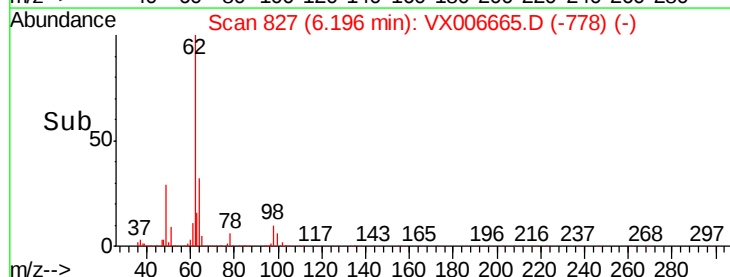
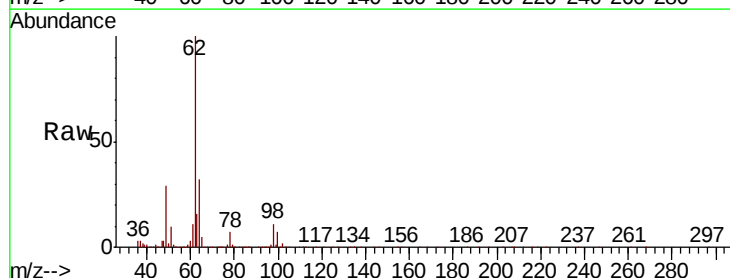
Acq: 20 Dec 2018 10:27

Tgt Ion: 62 Resp: 153959

Ion Ratio Lower Upper

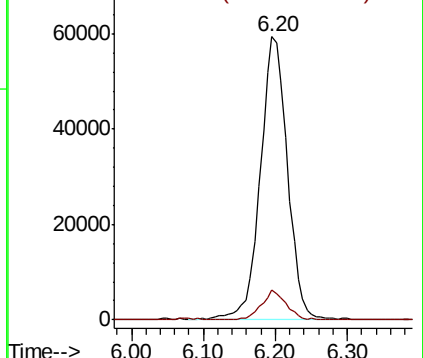
62 100

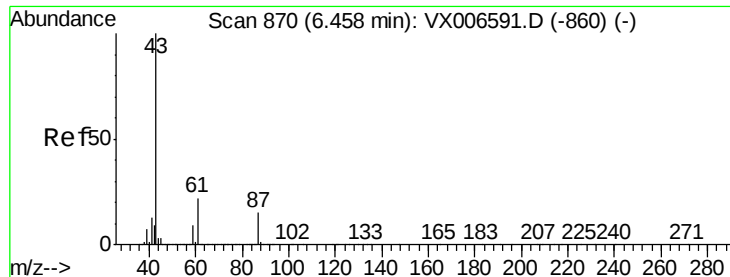
98 9.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



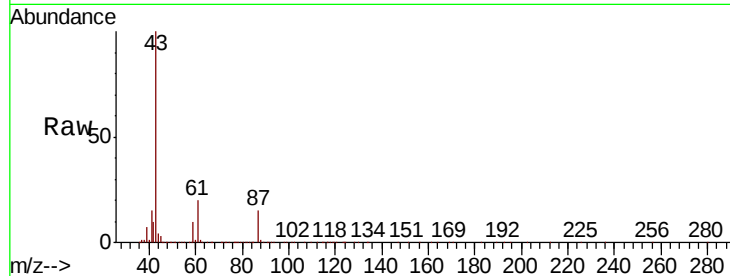


#43

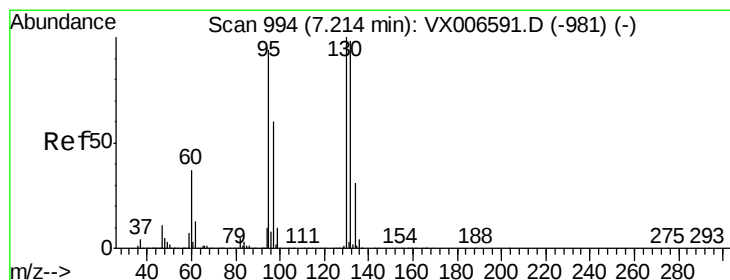
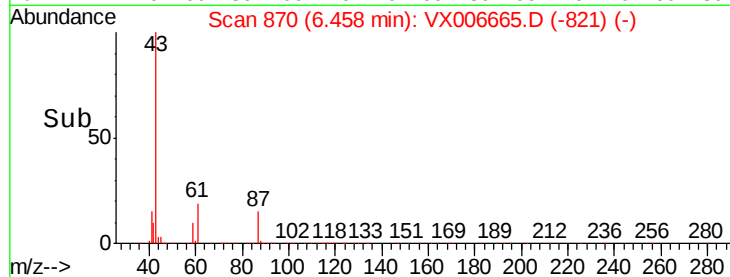
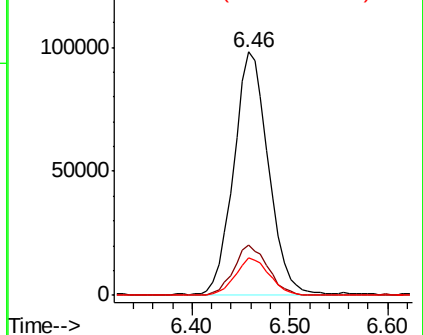
Isopropyl Acetate
 Concen: 20.148 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX1220WBS01

Tot Ion	43	Resp	241230
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.8	25.2
87	15.4	12.4	18.6



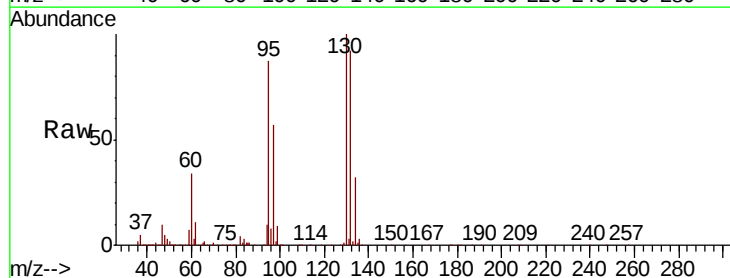
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



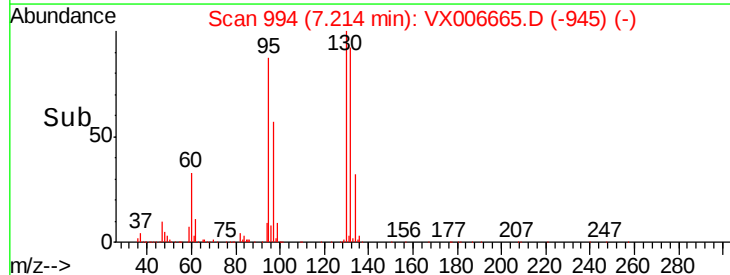
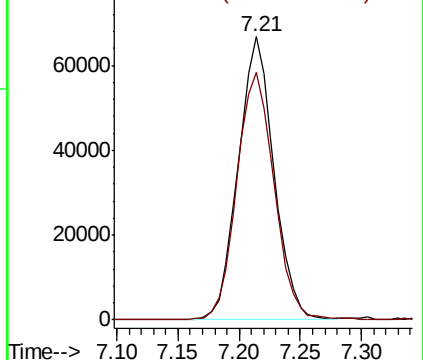
#44

Trichloroethene
 Concen: 19.420 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion	130	Resp	135074
Ion Ratio	Lower	Upper	
130	100		
95	87.4	0.0	187.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.214 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

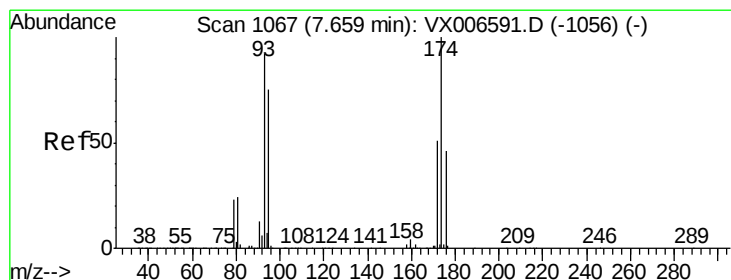
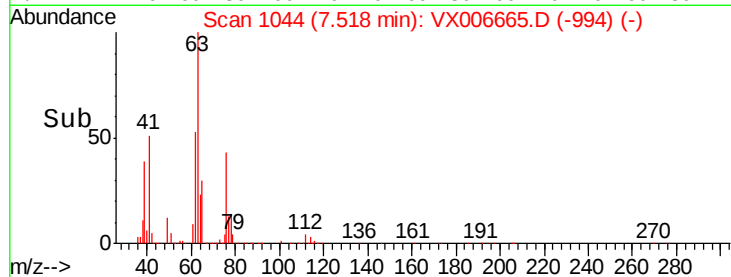
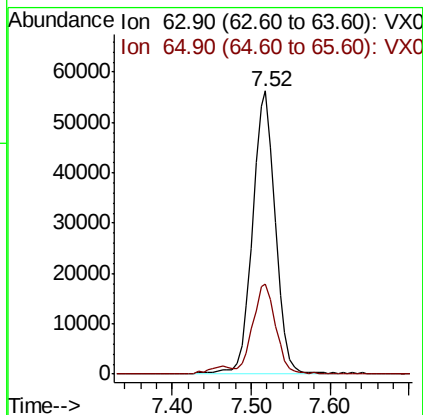
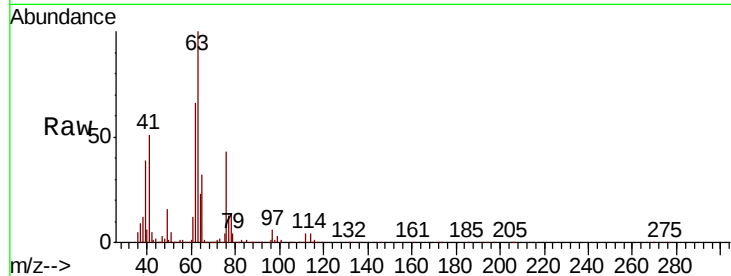
VX1220WBS01

Tot Ion: 63 Resp: 113044

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.0



#46

Dibromomethane

Concen: 19.655 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

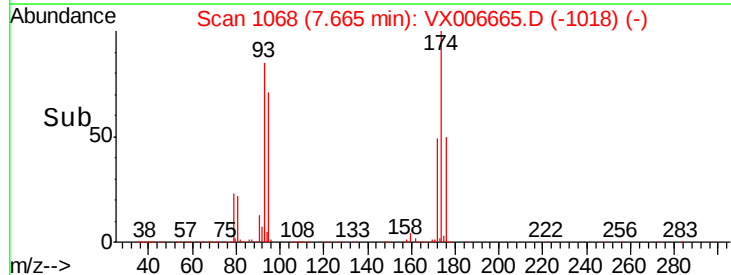
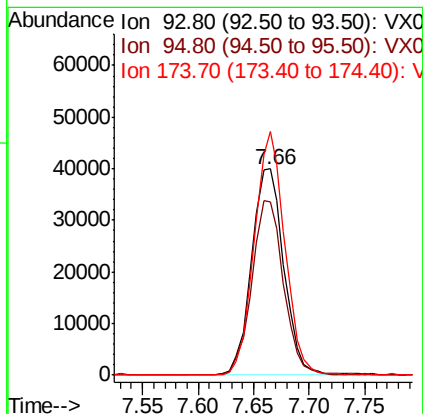
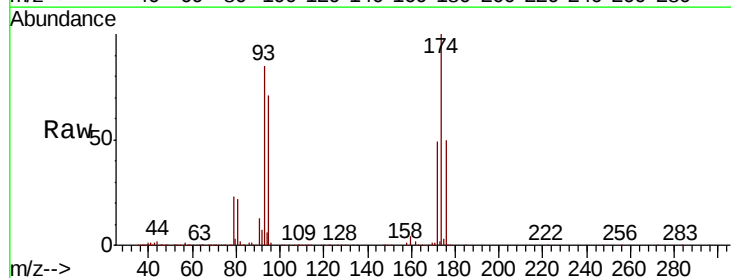
Tgt Ion: 93 Resp: 80849

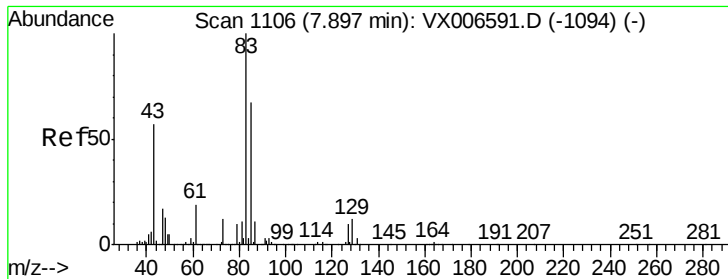
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 111.4 91.0 136.4





#47

Bromodichloromethane

Concen: 18.728 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

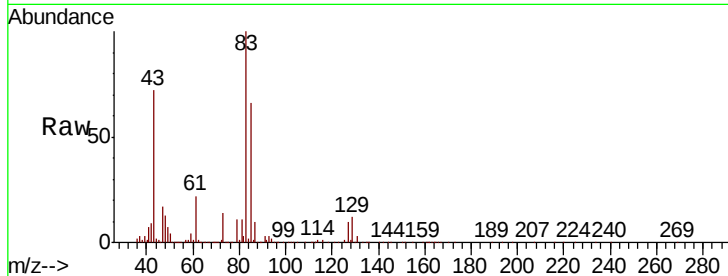
Tot Ion: 83 Resp: 127900

Ion Ratio Lower Upper

83 100

85 66.1 53.2 79.8

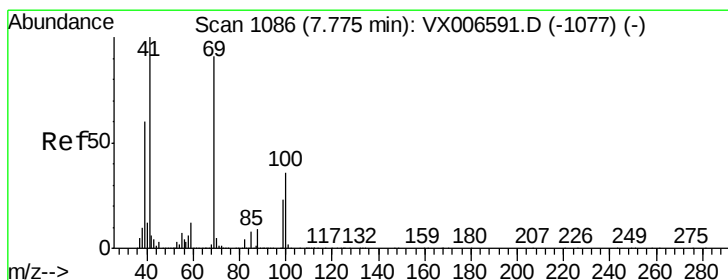
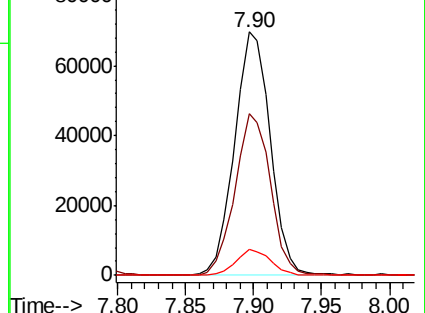
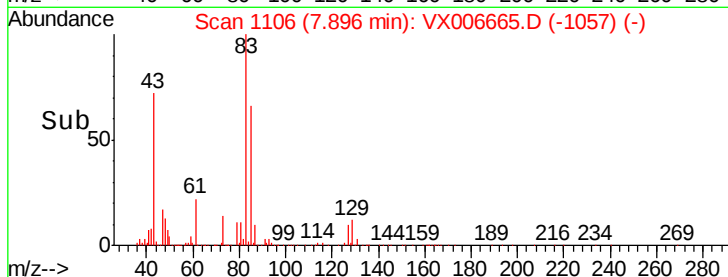
127 10.5 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.826 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

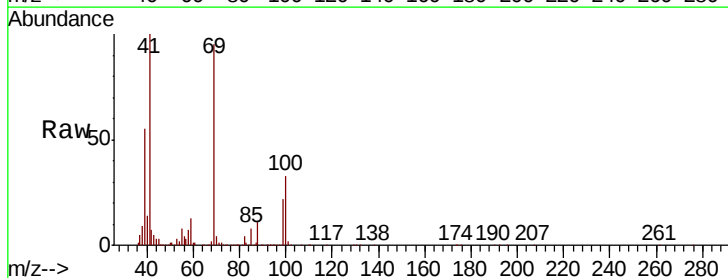
Tgt Ion: 41 Resp: 126798

Ion Ratio Lower Upper

41 100

69 91.2 72.4 108.6

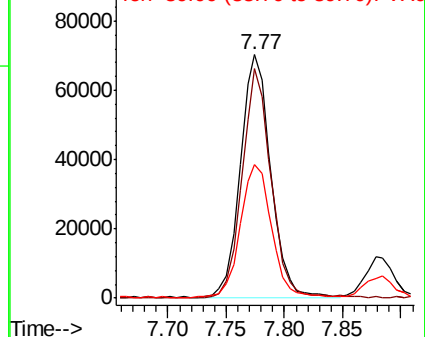
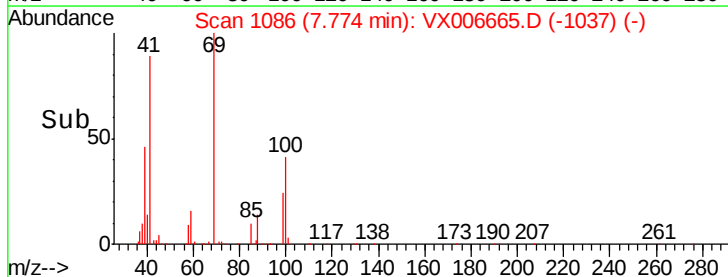
39 56.8 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 416.995 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

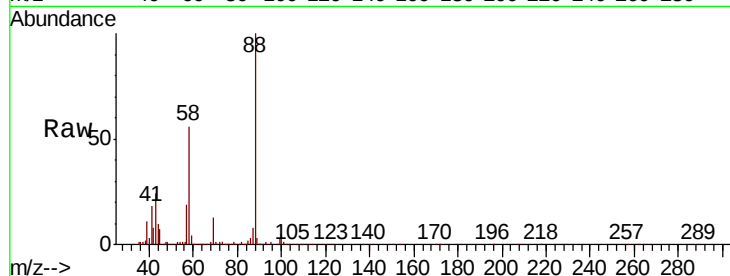
Tot Ion: 88 Resp: 68275

Ion Ratio Lower Upper

88 100

43 29.8 22.2 33.4

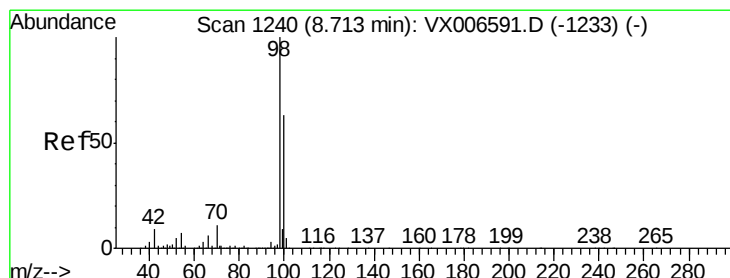
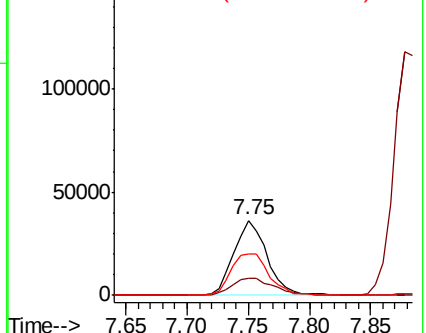
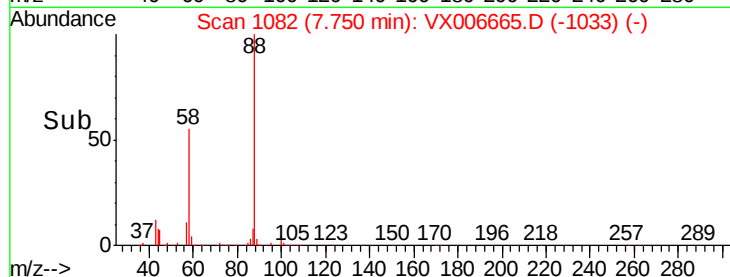
58 62.8 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.619 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006665.D

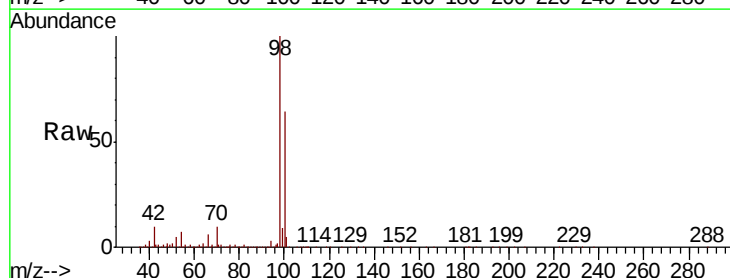
Acq: 20 Dec 2018 10:27

Tgt Ion: 98 Resp: 1079845

Ion Ratio Lower Upper

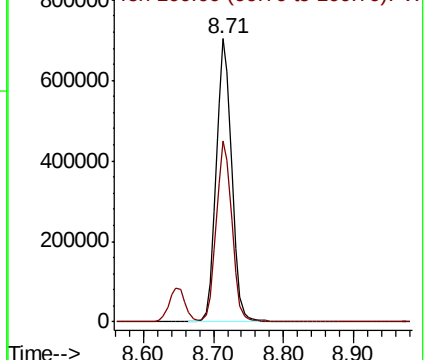
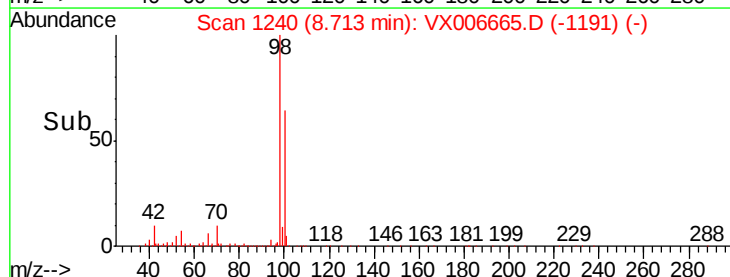
98 100

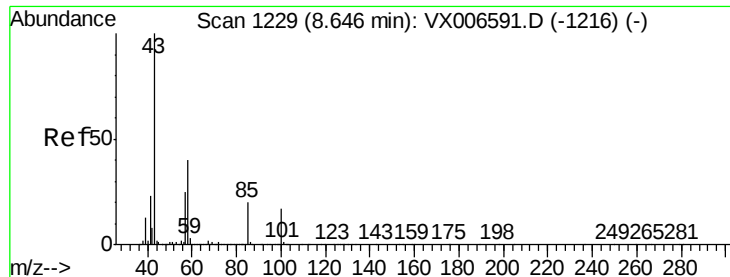
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 106.242 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

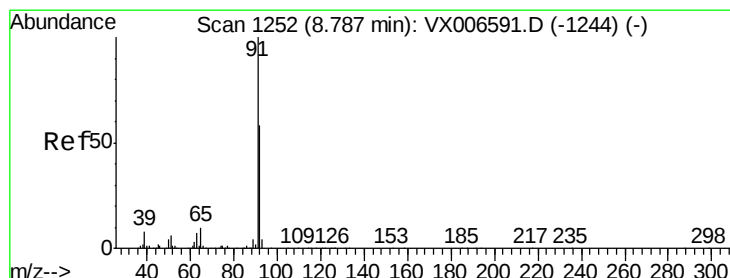
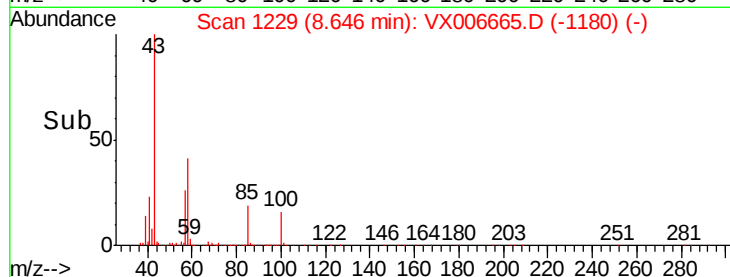
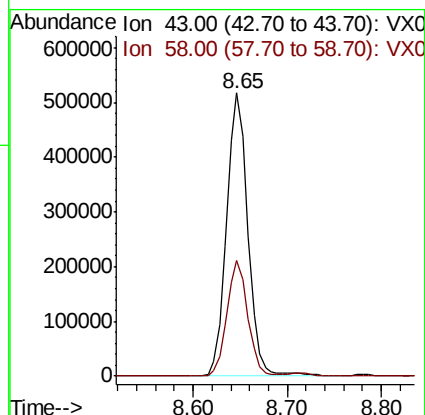
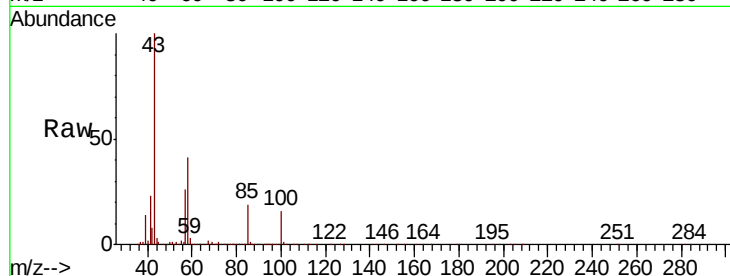
VX1220WBS01

Tot Ion: 43 Resp: 809345

Ion Ratio Lower Upper

43 100

58 39.9 31.8 47.6



#52

Toluene

Concen: 19.951 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006665.D

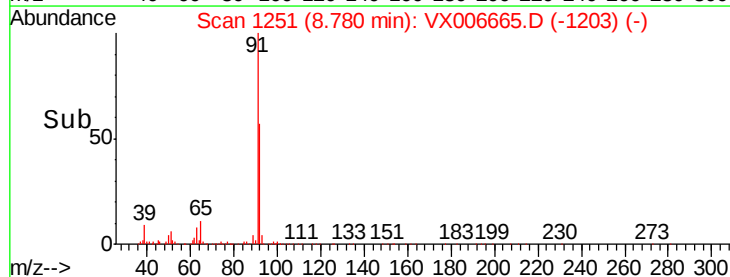
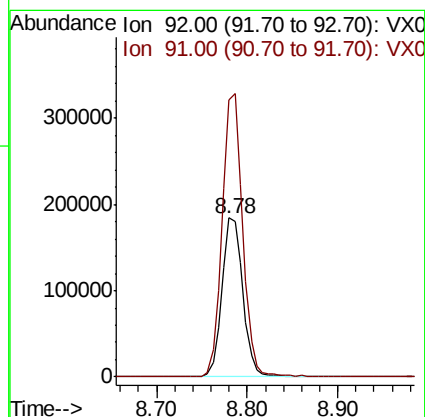
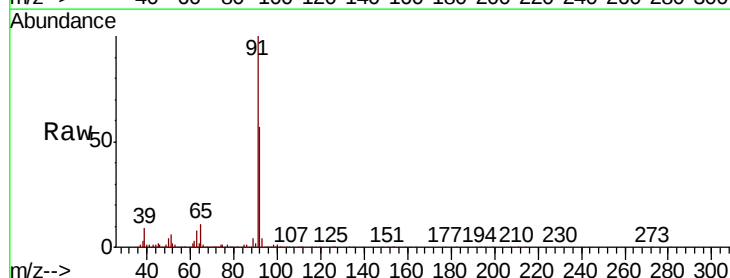
Acq: 20 Dec 2018 10:27

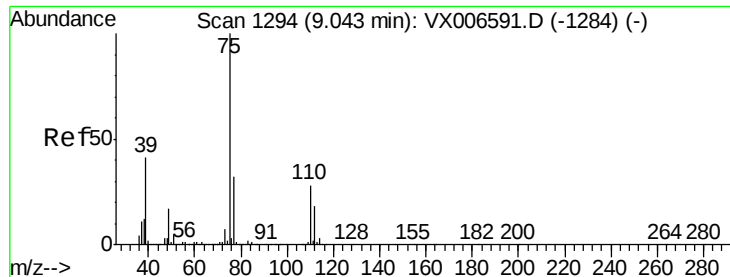
Tgt Ion: 92 Resp: 296198

Ion Ratio Lower Upper

92 100

91 175.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.582 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampled :

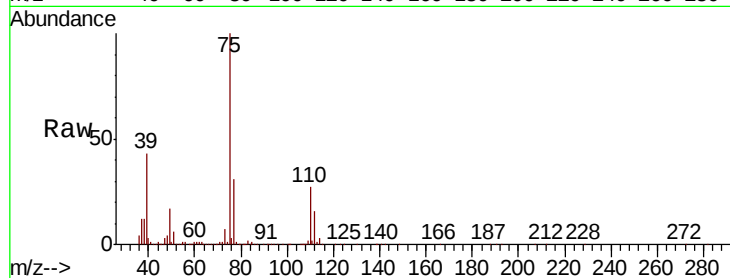
VX1220WBS01

Tot Ion: 75 Resp: 136098

Ion Ratio Lower Upper

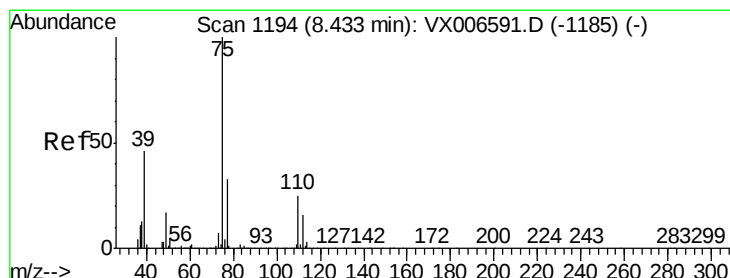
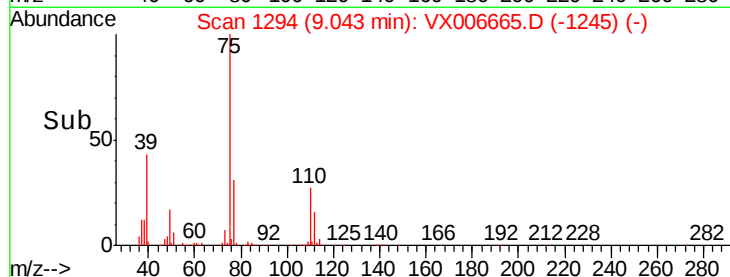
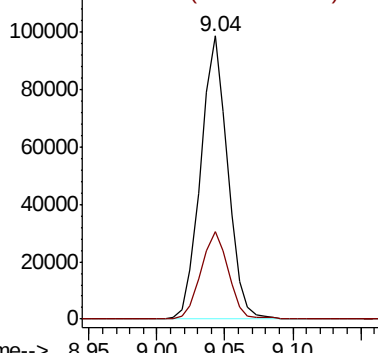
75 100

77 30.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.749 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

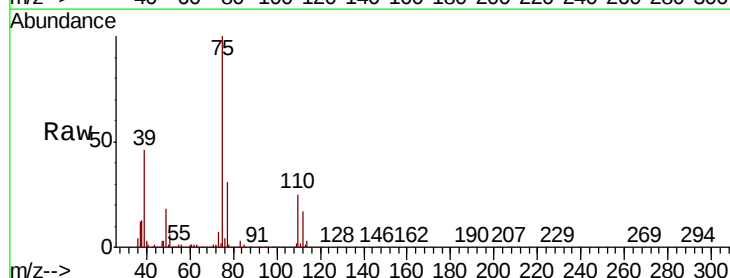
Tgt Ion: 75 Resp: 158714

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

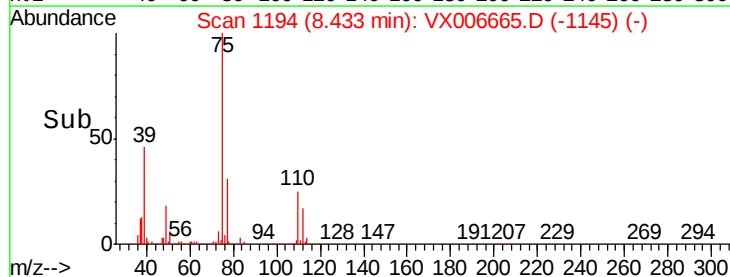
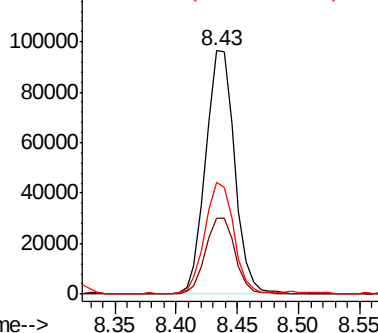
39 45.6 36.7 55.1

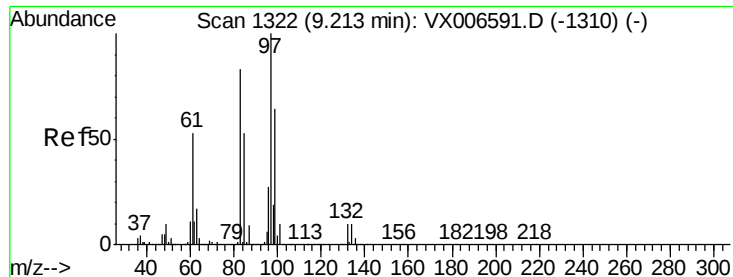


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.279 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 97 Resp: 123236

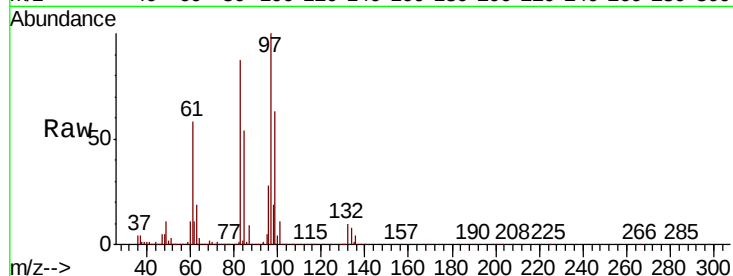
Ion Ratio Lower Upper

97 100

83 86.6 66.6 99.8

85 54.0 42.7 64.1

99 62.5 50.8 76.2

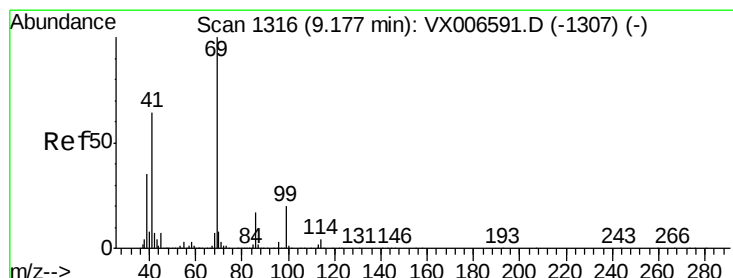
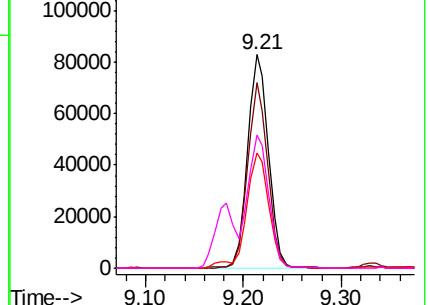
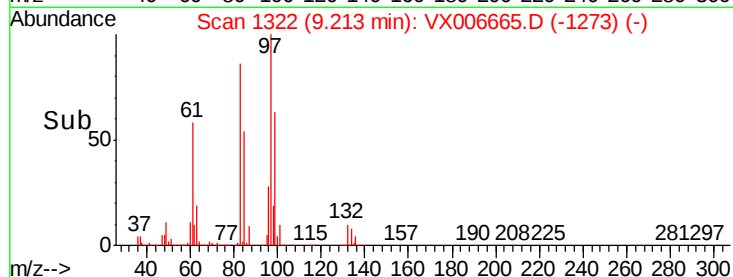


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.724 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

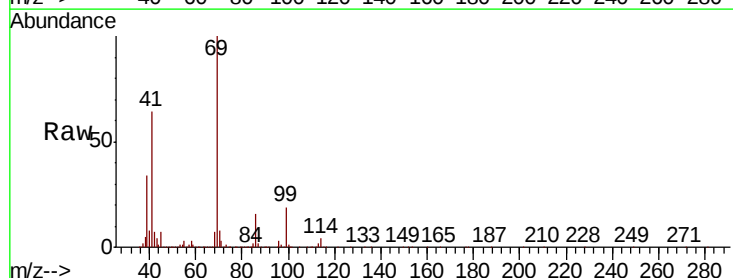
Tgt Ion: 69 Resp: 177994

Ion Ratio Lower Upper

69 100

41 60.5 48.7 73.1

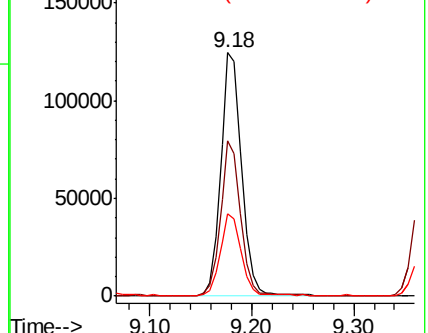
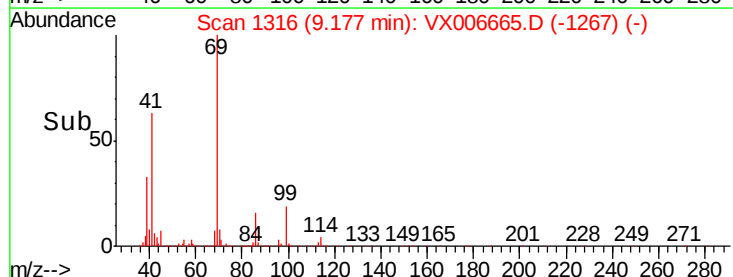
39 34.9 27.0 40.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.944 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

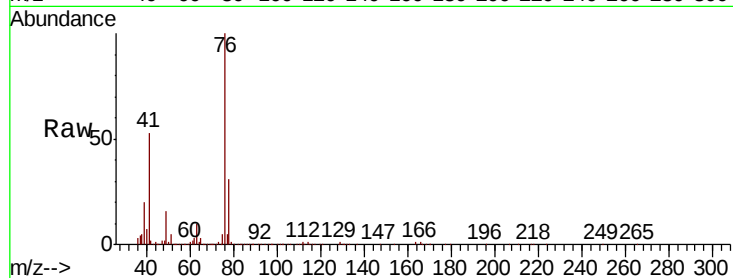
VX1220WBS01

Tot Ion: 76 Resp: 194993

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

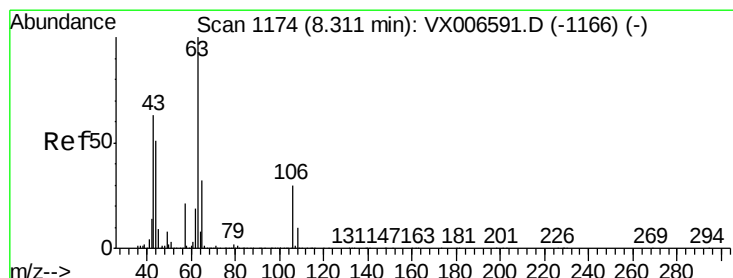
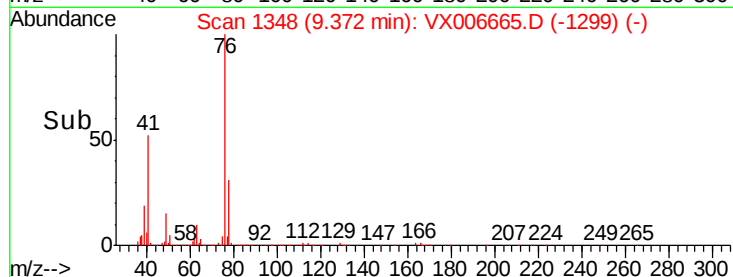
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 100.928 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006665.D

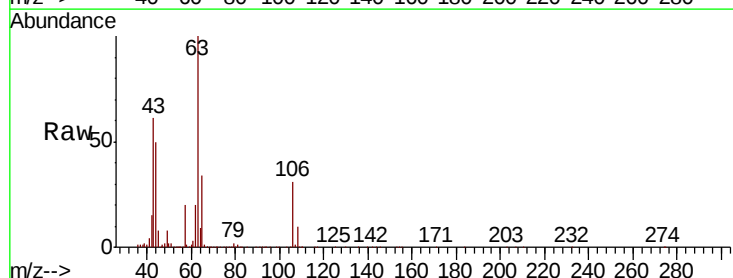
Acq: 20 Dec 2018 10:27

Tgt Ion: 63 Resp: 460800

Ion Ratio Lower Upper

63 100

106 31.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

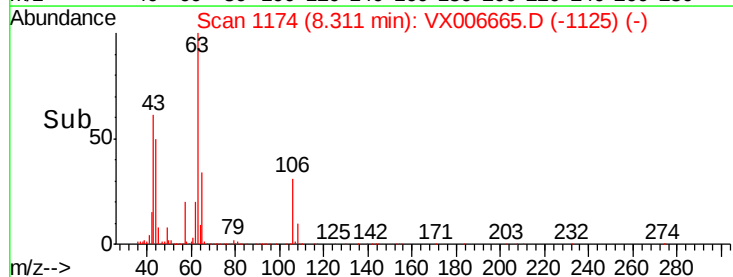
200000

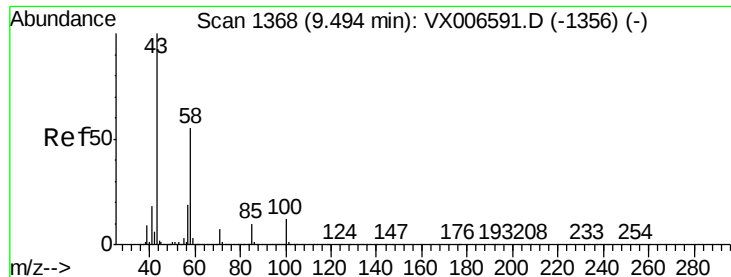
100000

0

8.20 8.30 8.40

Time-->

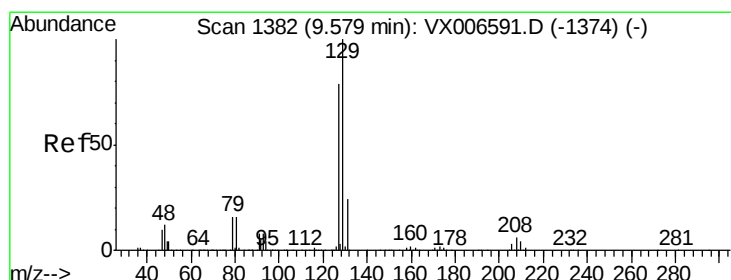
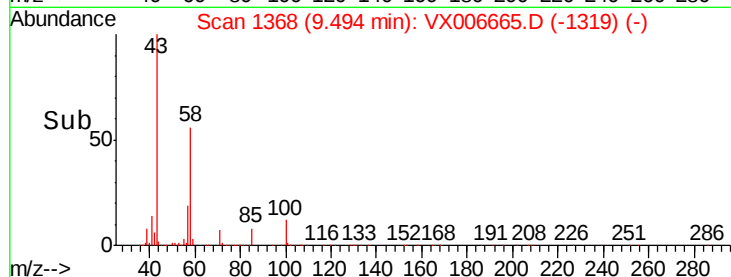
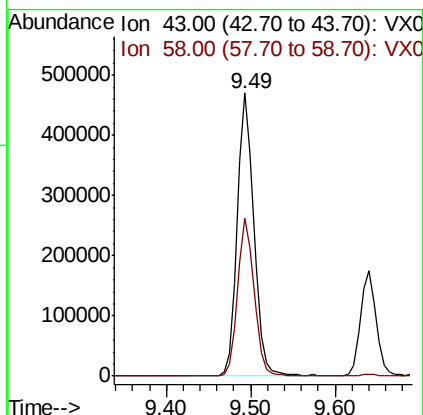
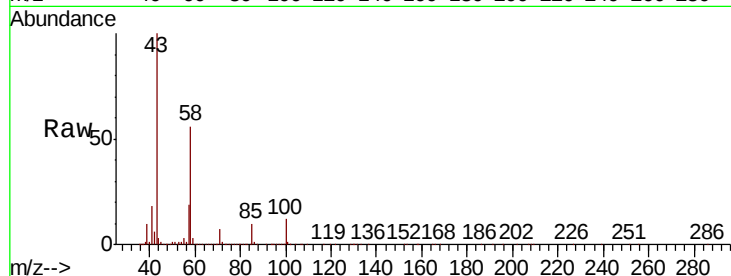




#59
2-Hexanone
Concen: 107.242 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

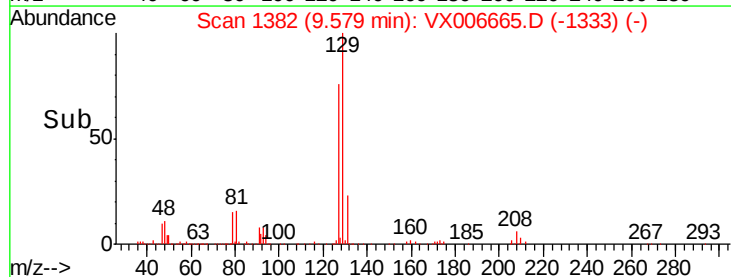
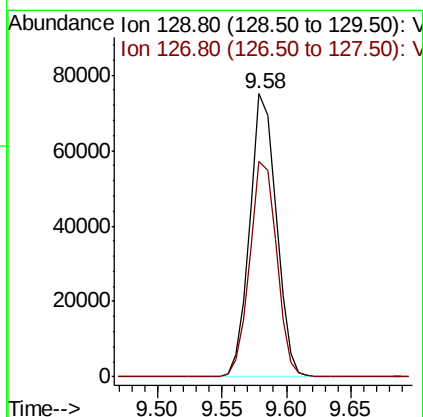
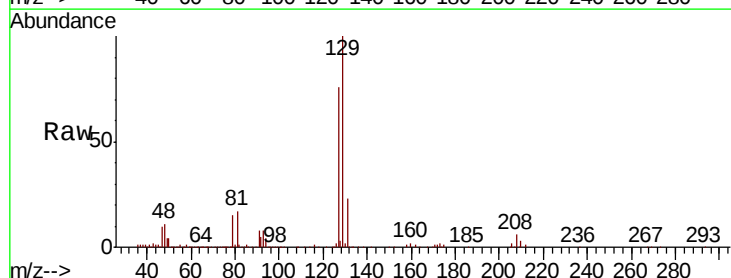
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

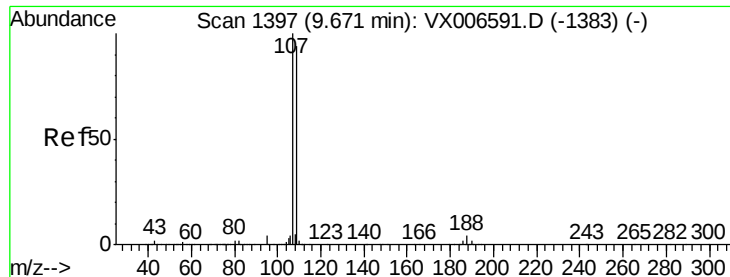
Tot Ion: 43 Resp: 625075
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 18.366 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 129 Resp: 106930
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.564 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

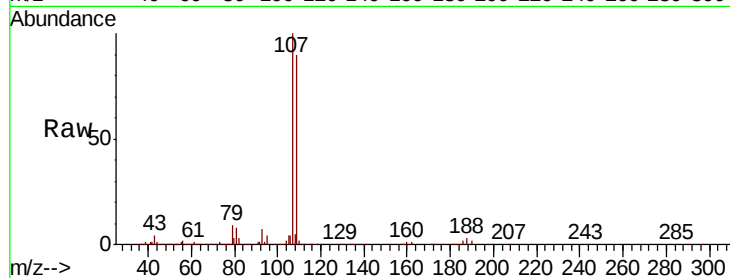
VX1220WBS01

Tot Ion:107 Resp: 132843

Ion Ratio Lower Upper

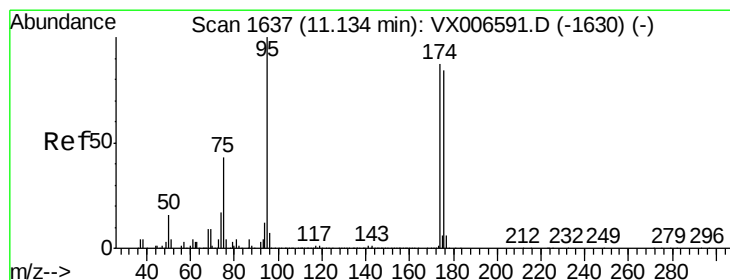
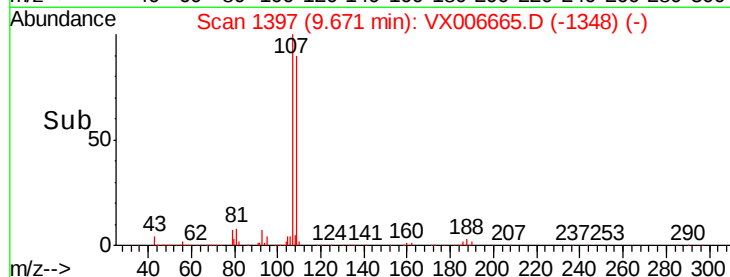
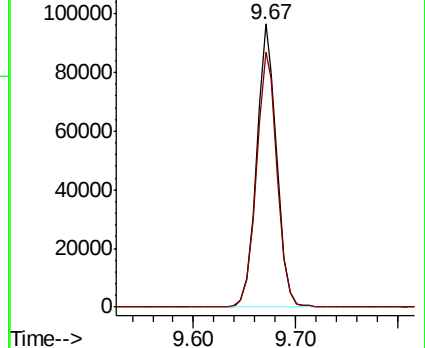
107 100

109 93.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.640 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

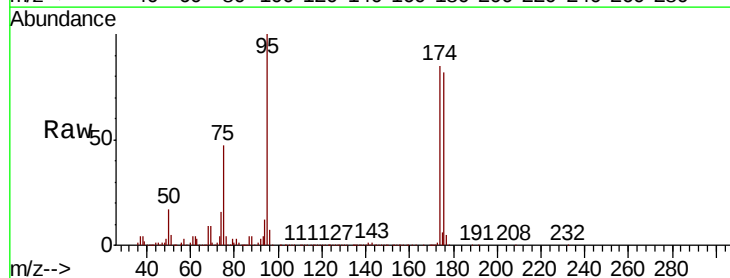
Tgt Ion: 95 Resp: 395648

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.2

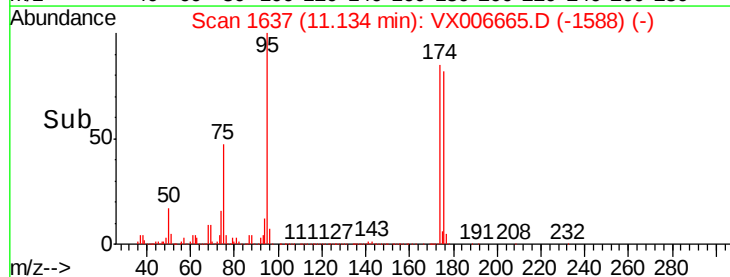
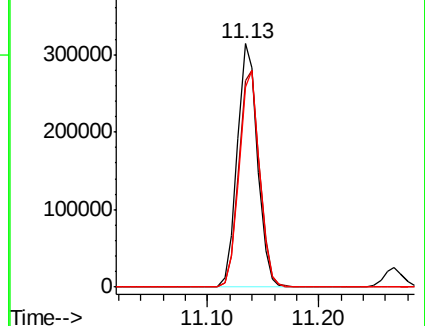
176 89.2 0.0 178.8

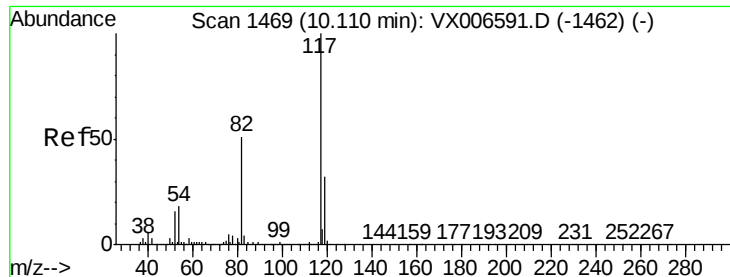


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

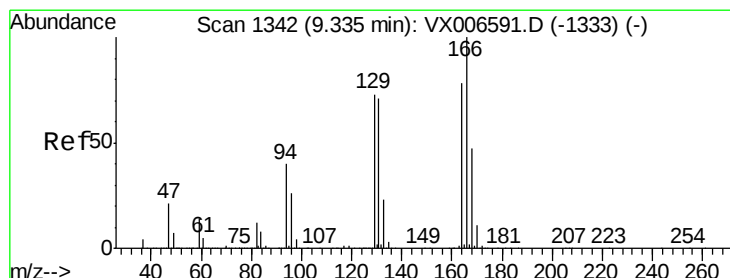
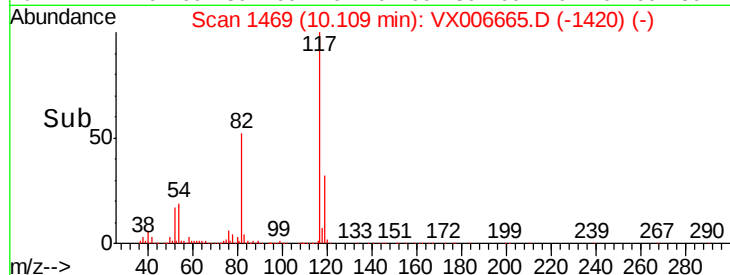
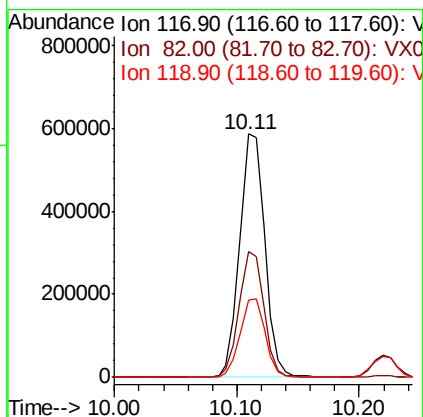
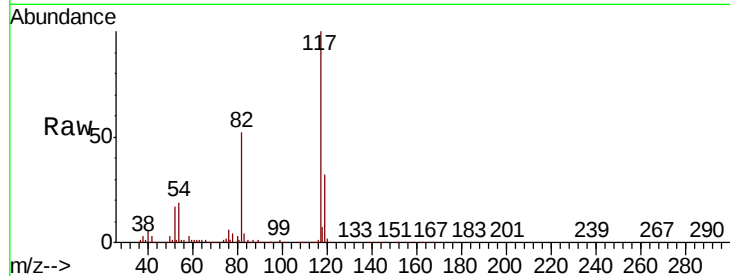




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

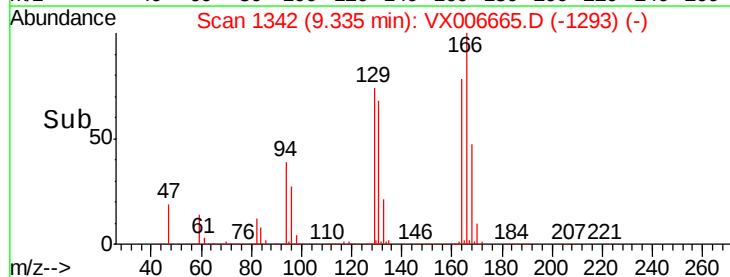
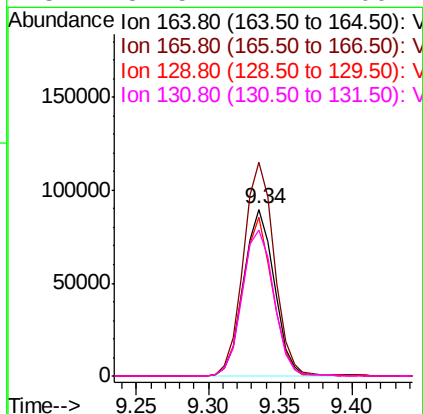
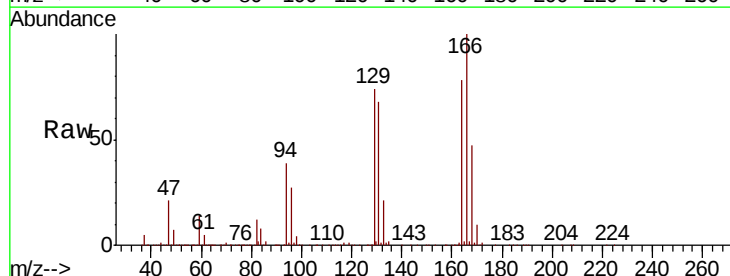
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

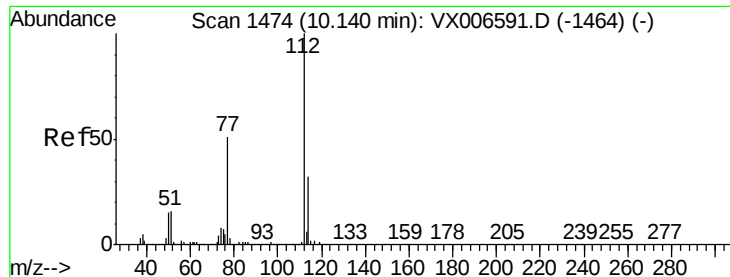
Tot Ion:117 Resp: 837848
Ion Ratio Lower Upper
117 100
82 51.7 41.0 61.6
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 19.991 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion:164 Resp: 132627
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 95.0 75.1 112.7
131 87.5 72.7 109.1





#65

Chlorobenzene

Concen: 19.870 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

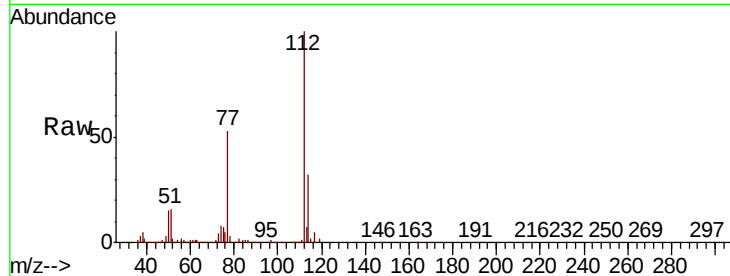
VX1220WBS01

Tot Ion:112 Resp: 352205

Ion Ratio Lower Upper

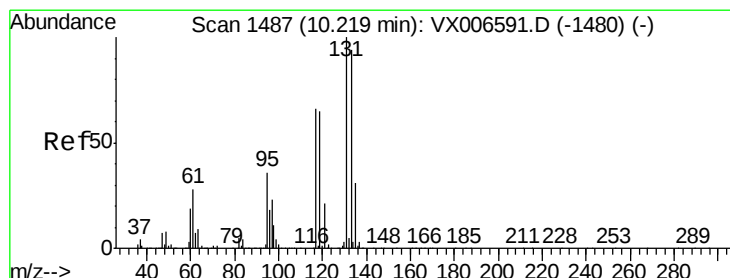
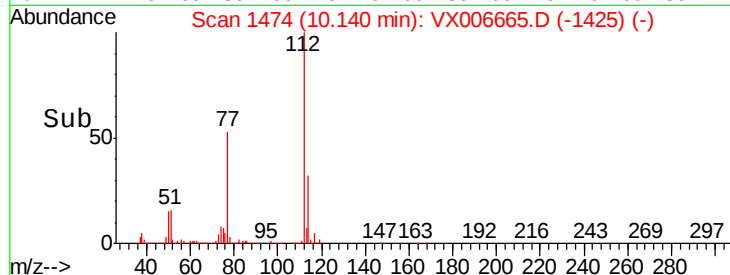
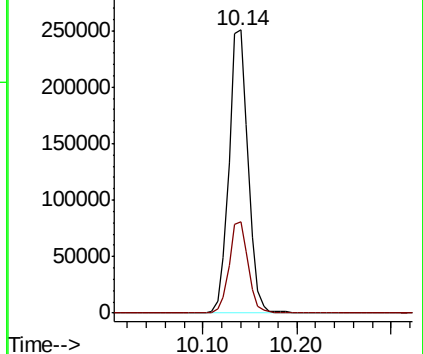
112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.868 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

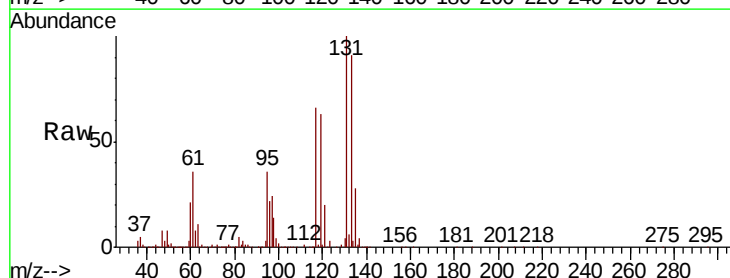
Tgt Ion:131 Resp: 109876

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.2

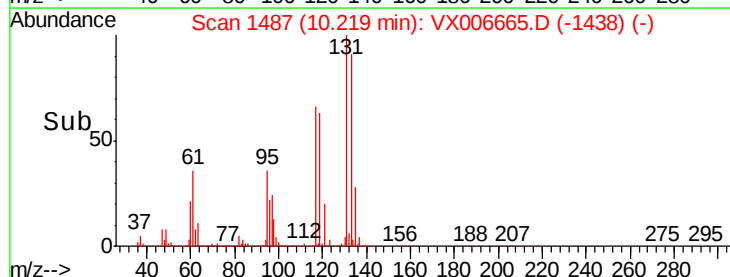
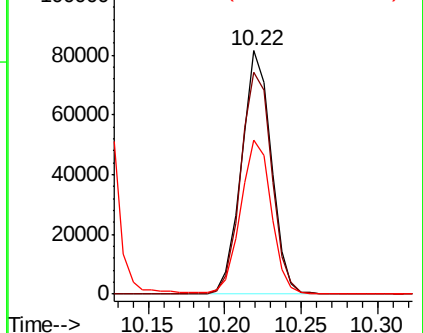
119 66.0 32.6 97.8

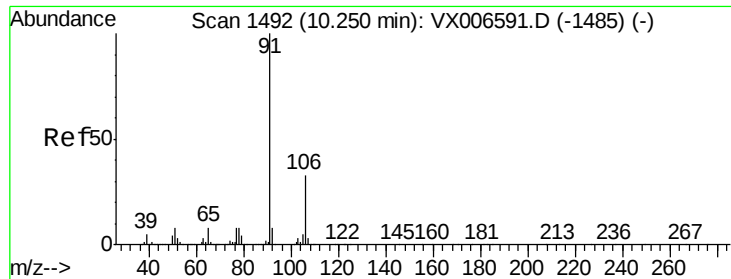


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.632 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

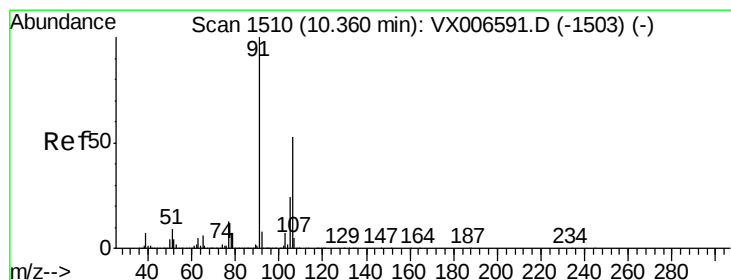
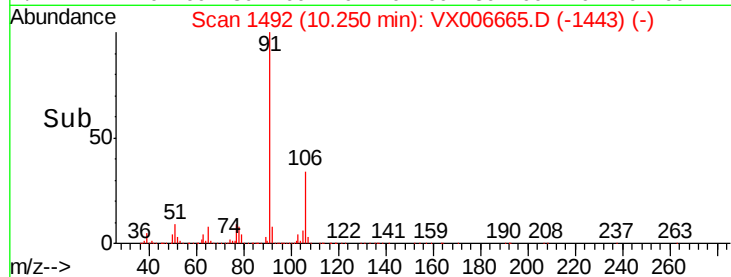
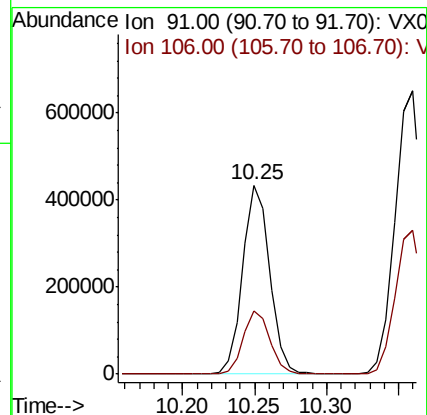
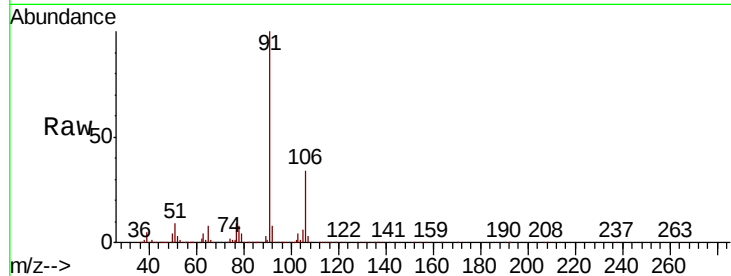
VX1220WBS01

Tot Ion: 91 Resp: 568625

Ion Ratio Lower Upper

91 100

106 33.5 26.4 39.6



#68

m/p-Xylenes

Concen: 40.103 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006665.D

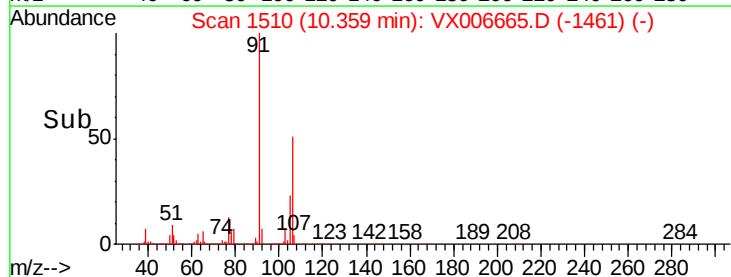
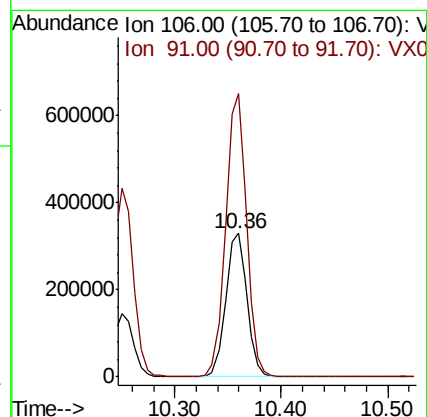
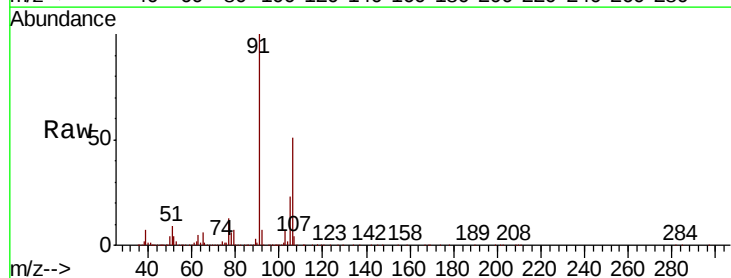
Acq: 20 Dec 2018 10:27

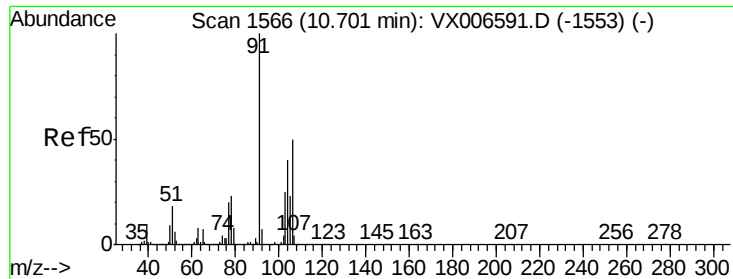
Tgt Ion: 106 Resp: 458353

Ion Ratio Lower Upper

106 100

91 194.3 155.8 233.6

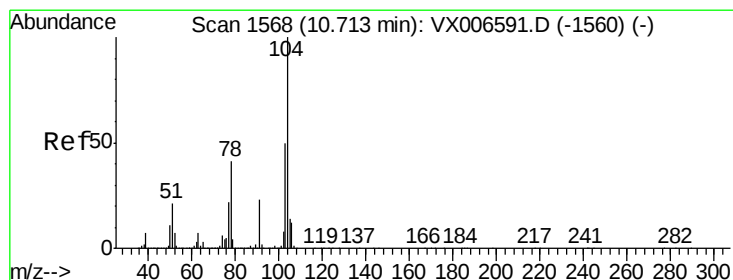
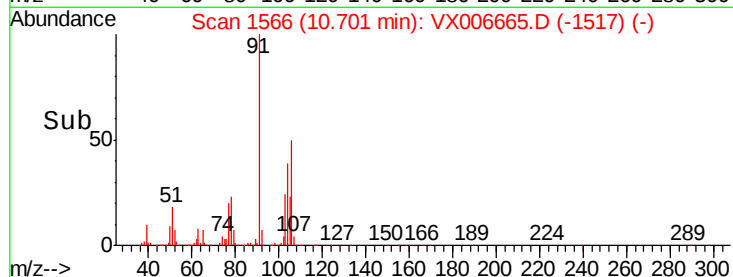
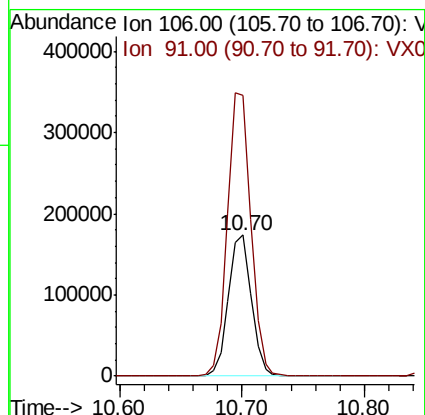
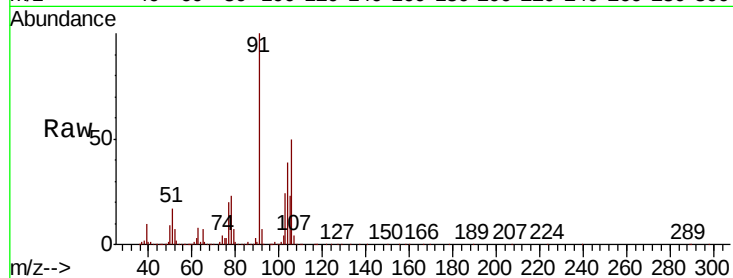




#69
o-Xylene
Concen: 20.071 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

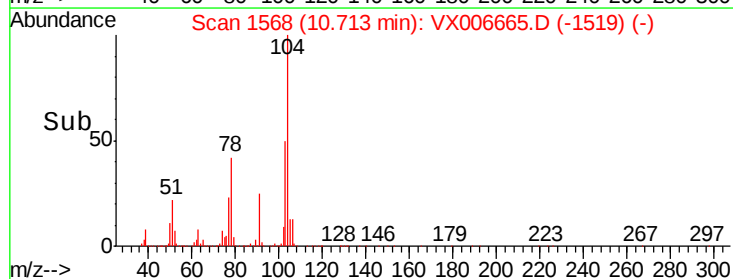
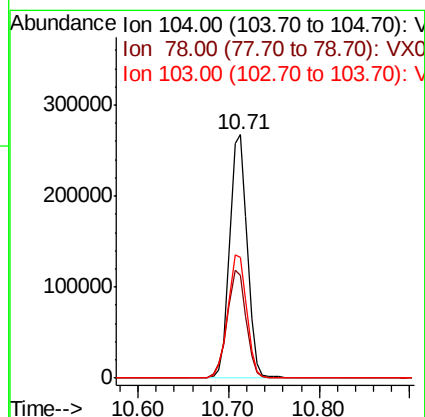
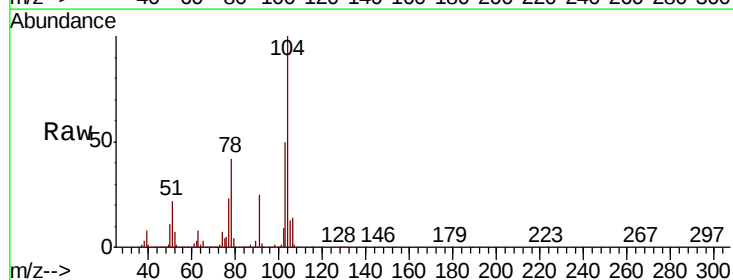
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

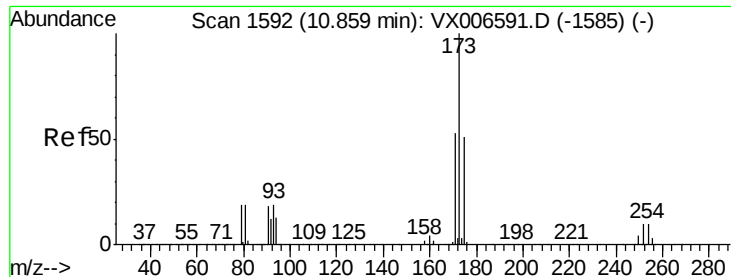
Tot Ion:106 Resp: 226529
Ion Ratio Lower Upper
106 100
91 203.6 101.3 303.7



#70
Styrene
Concen: 20.182 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion:104 Resp: 360355
Ion Ratio Lower Upper
104 100
78 47.9 37.7 56.5
103 54.7 43.8 65.8





#71

Bromoform

Concen: 18.263 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampled :

VX1220WBS01

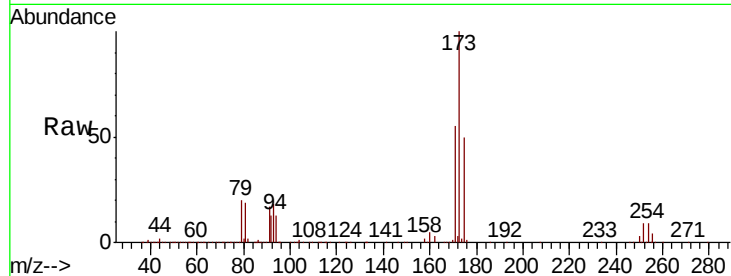
Tot Ion:173 Resp: 75601

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

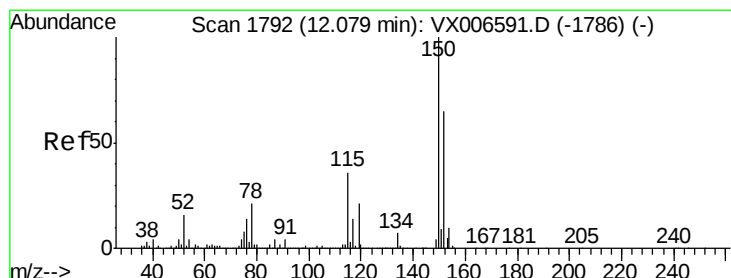
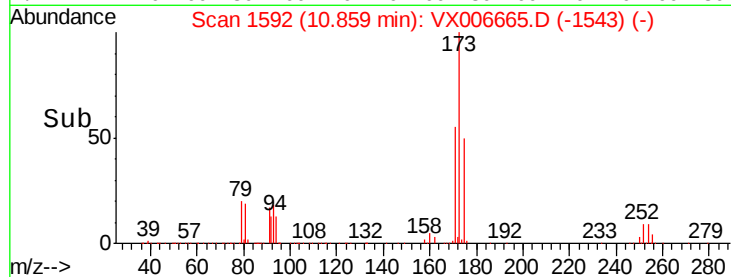
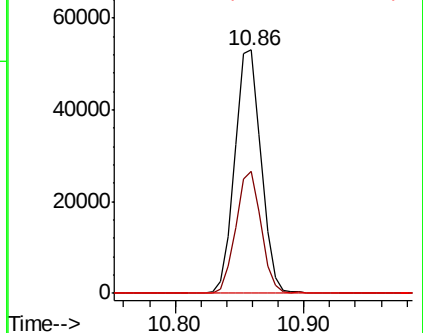
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

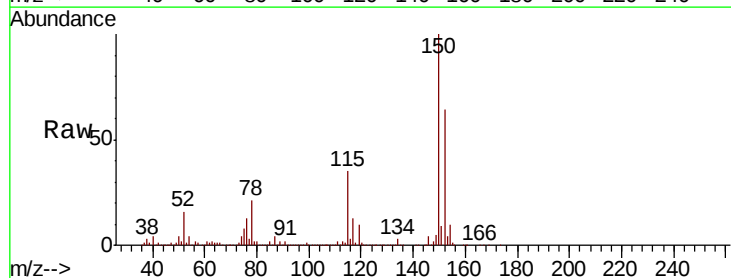
Tgt Ion:152 Resp: 442553

Ion Ratio Lower Upper

152 100

115 64.4 39.1 117.2

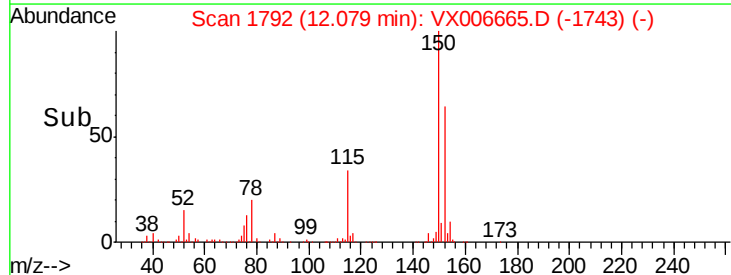
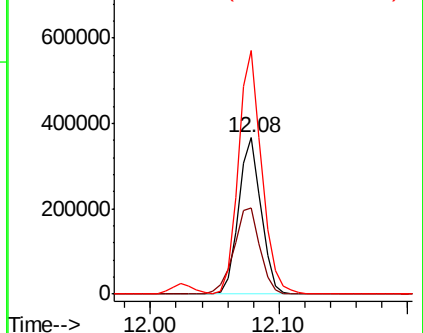
150 162.0 0.0 344.8

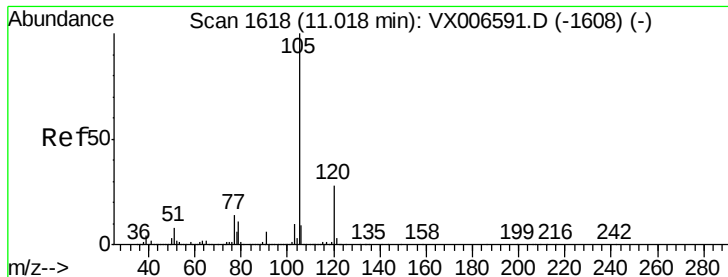


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.671 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

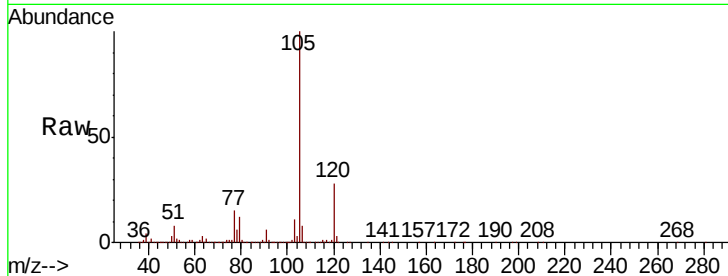
VX1220WBS01

Tot Ion:105 Resp: 595567

Ion Ratio Lower Upper

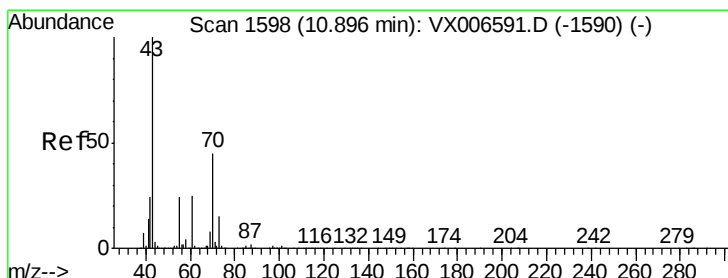
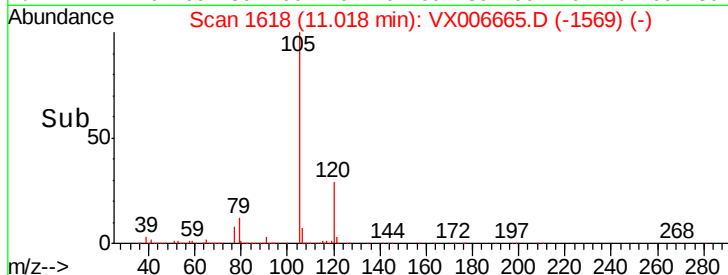
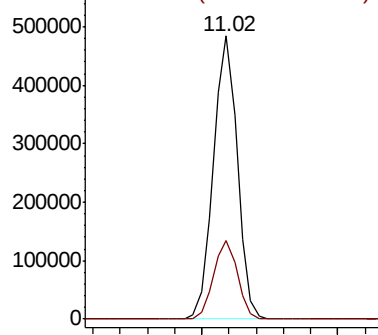
105 100

120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.431 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Tgt Ion: 43 Resp: 221409

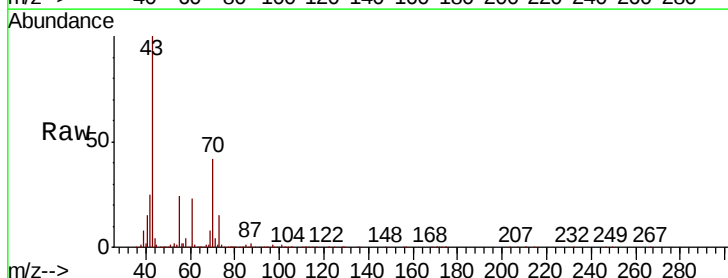
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 25.0 19.4 29.0

61 24.2 20.1 30.1

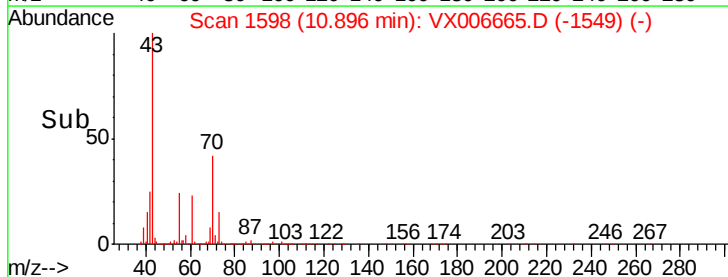
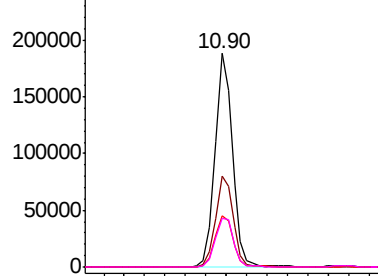


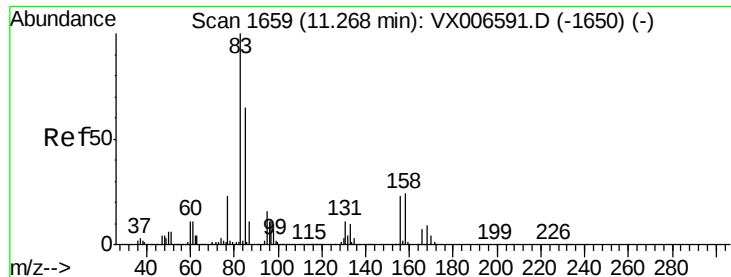
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.415 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

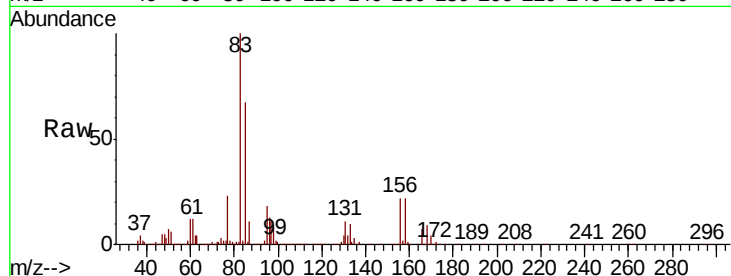
Tot Ion: 83 Resp: 183818

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

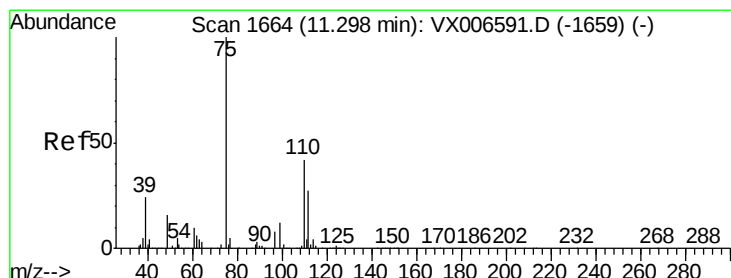
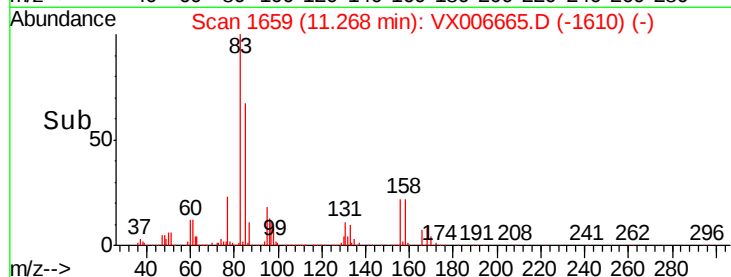
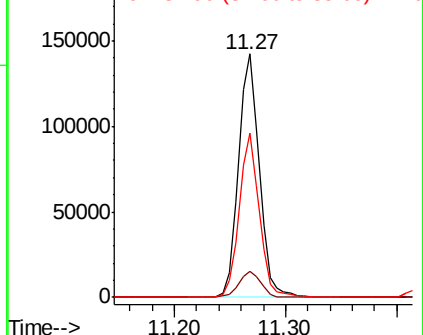
85 65.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.723 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006665.D

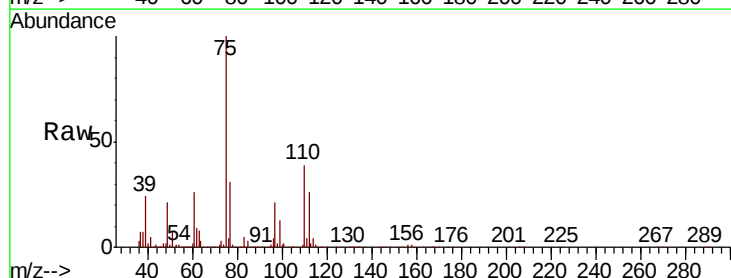
Acq: 20 Dec 2018 10:27

Tgt Ion: 75 Resp: 195108

Ion Ratio Lower Upper

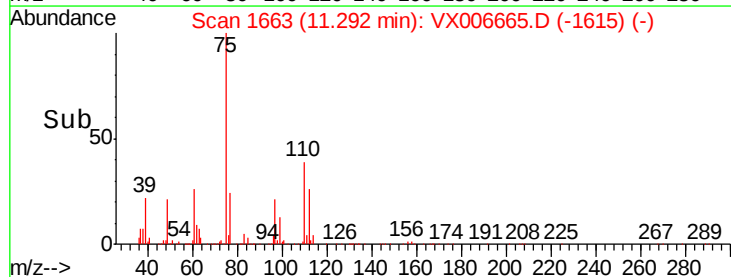
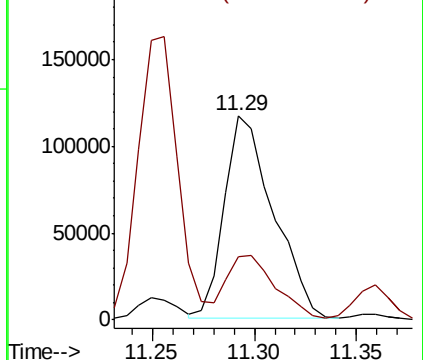
75 100

77 31.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.443 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

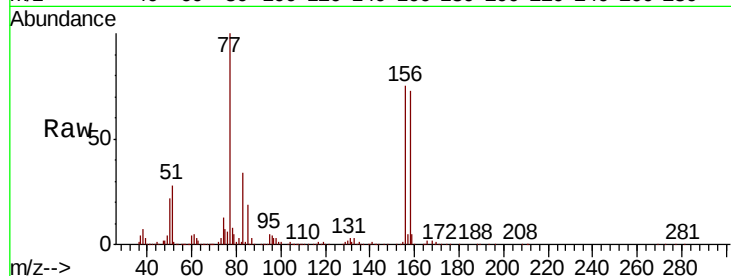
Tot Ion:156 Resp: 159149

Ion Ratio Lower Upper

156 100

77 139.9 68.0 204.0

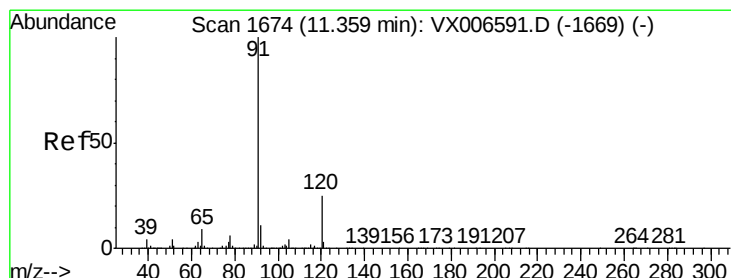
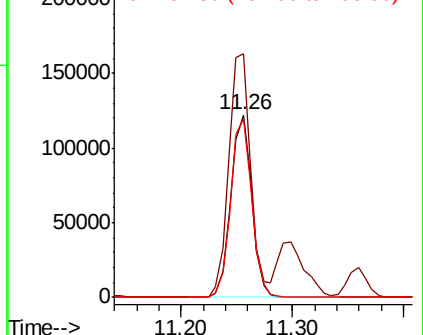
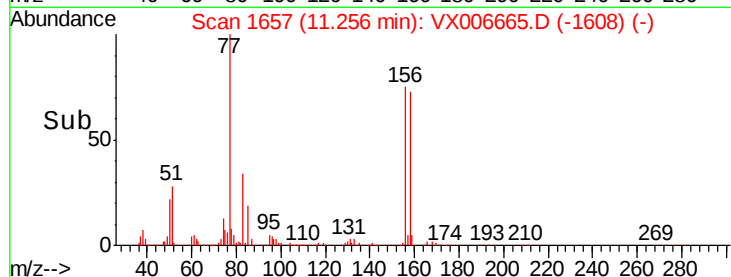
158 98.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.563 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006665.D

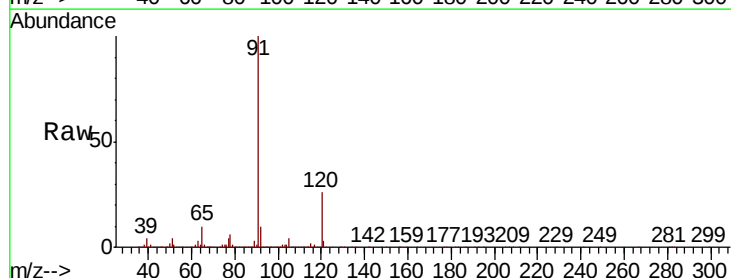
Acq: 20 Dec 2018 10:27

Tgt Ion: 91 Resp: 652235

Ion Ratio Lower Upper

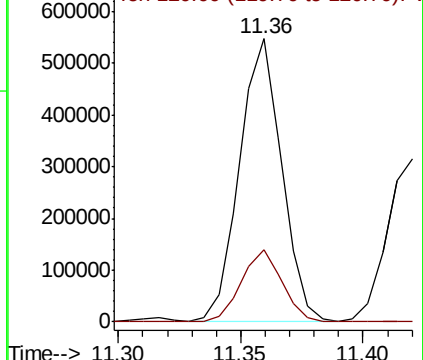
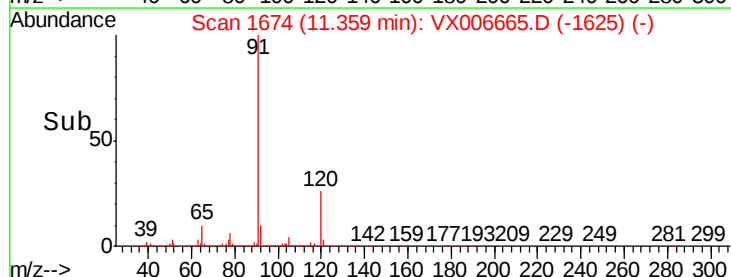
91 100

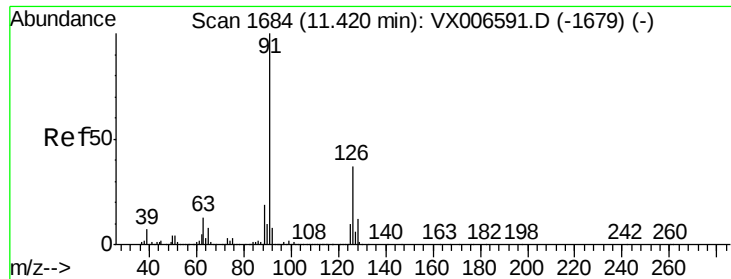
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

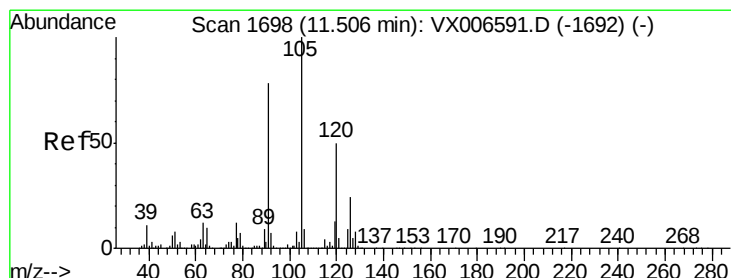
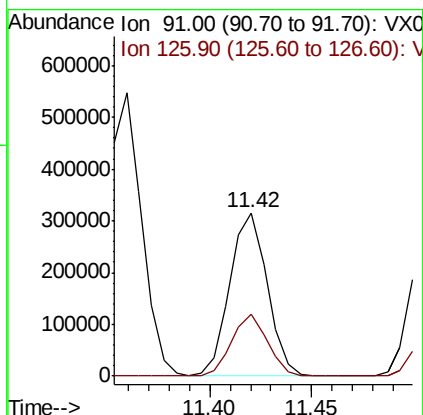
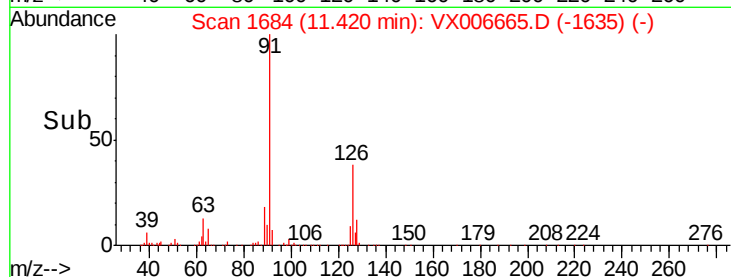
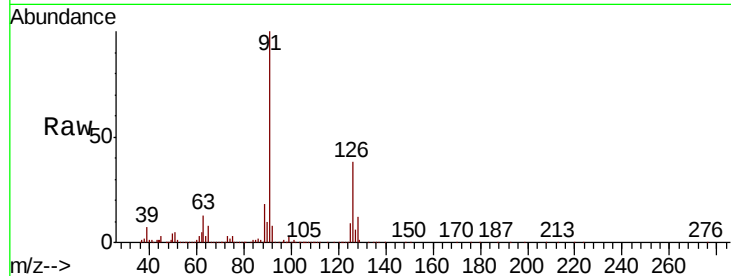




#79
 2-Chlorotoluene
 Concen: 19.658 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

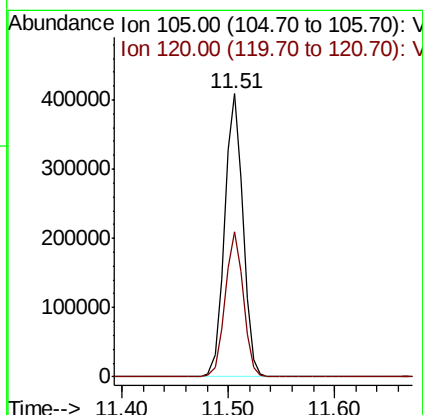
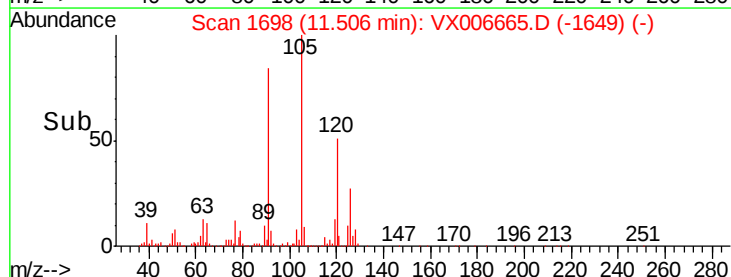
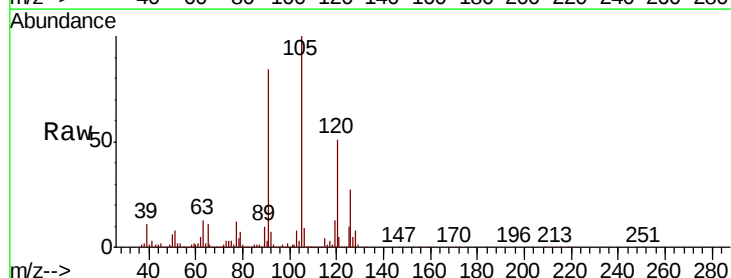
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

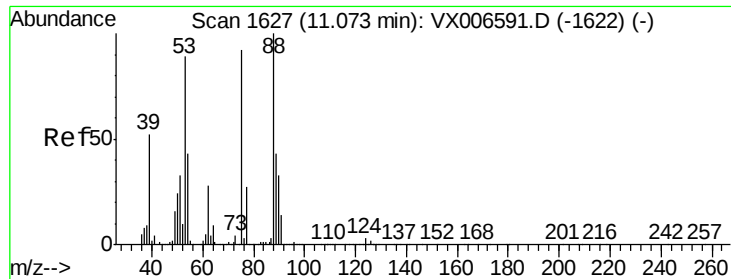
Tot Ion: 91 Resp: 397180
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.772 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion: 105 Resp: 493061
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.3

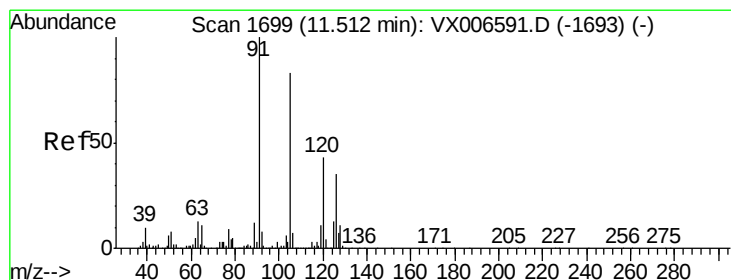
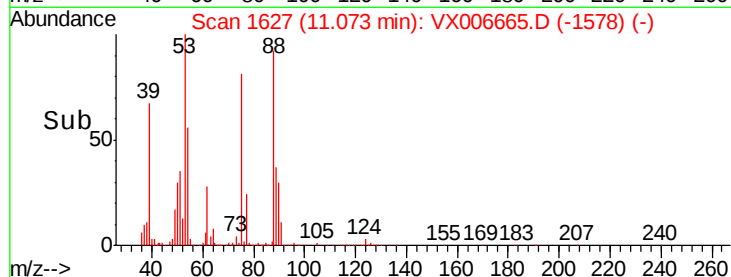
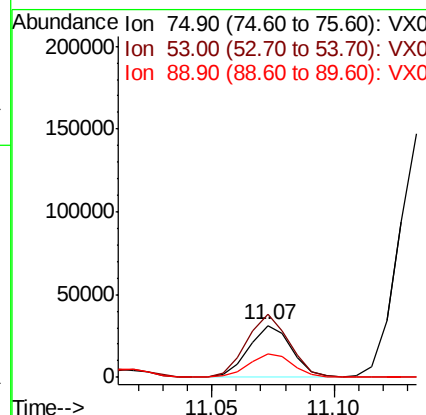
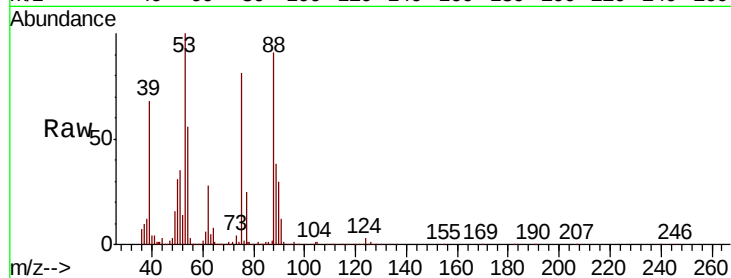




#81
trans-1,4-Dichloro-2-butene
Concen: 17.046 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

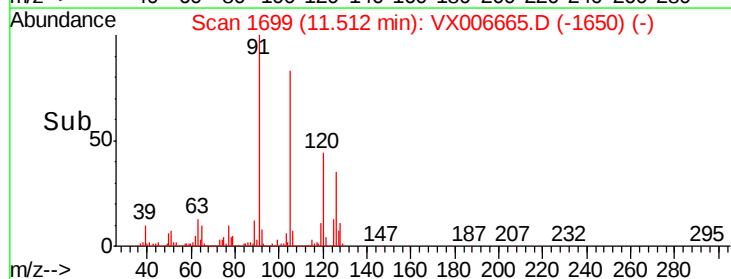
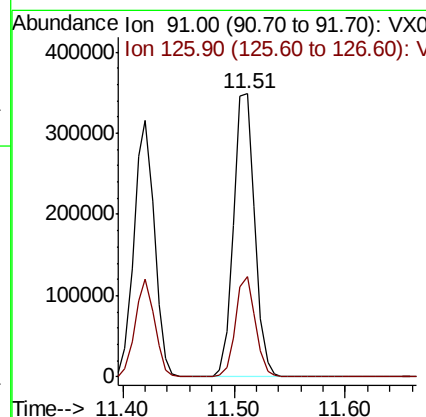
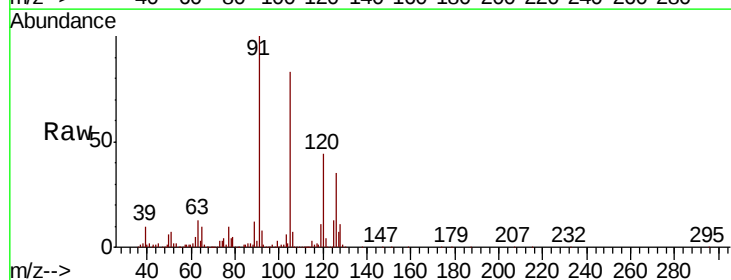
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

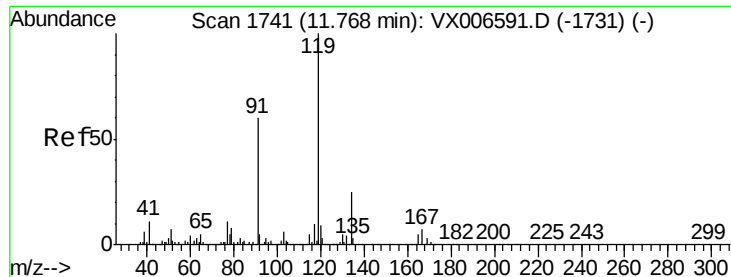
Tot Ion: 75 Resp: 37832
Ion Ratio Lower Upper
75 100
53 123.6 79.7 119.5#
89 47.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.807 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 91 Resp: 459033
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.9

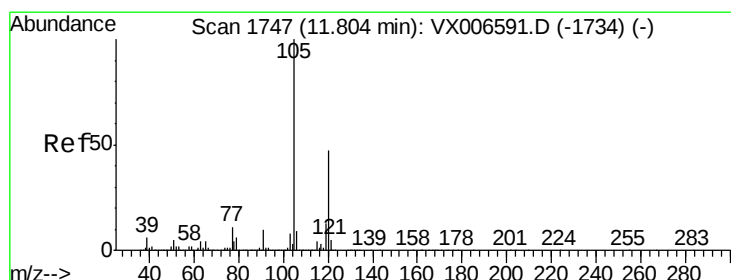
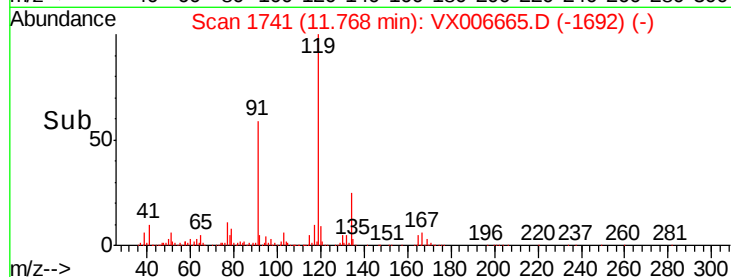
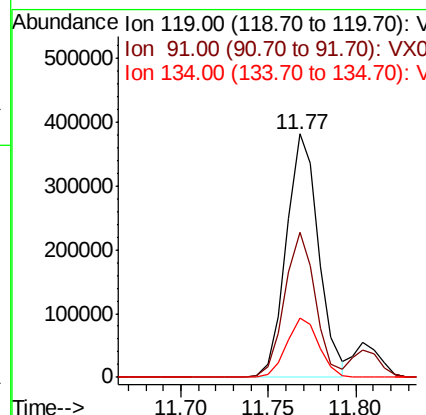
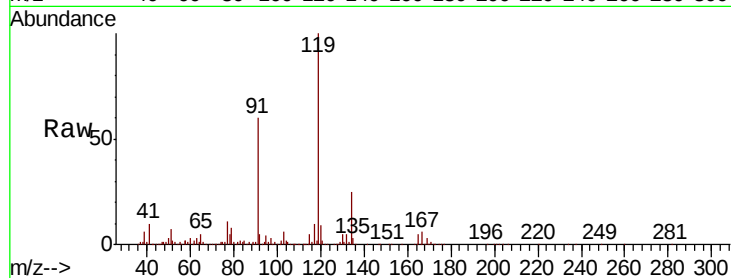




#83
tert-Butylbenzene
Concen: 19.773 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

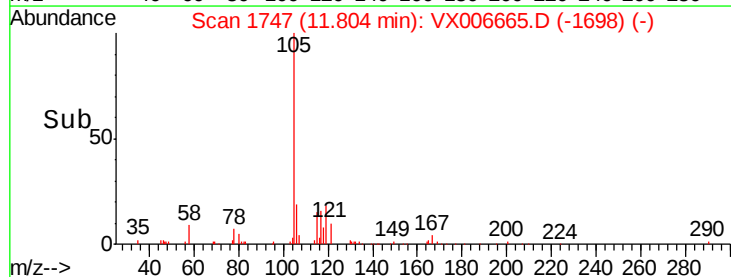
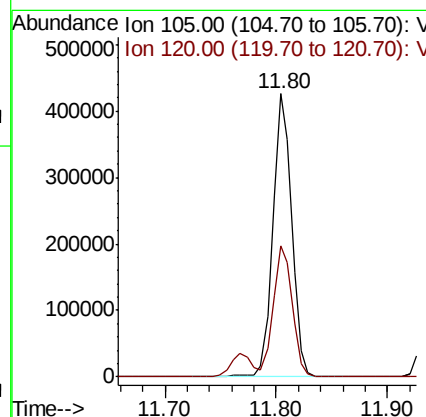
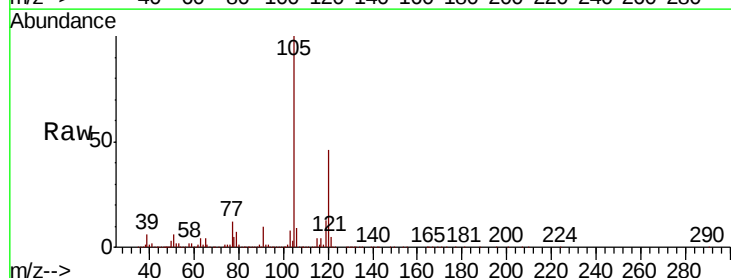
Instrument :
MSVOA_X
ClientSampled :
VX1220WBS01

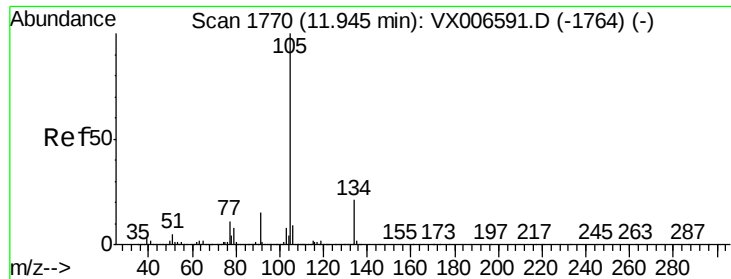
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	27.7	83.1
134	24.6	11.9	35.5



#84
1,2,4-Trimethylbenzene
Concen: 19.226 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.692 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

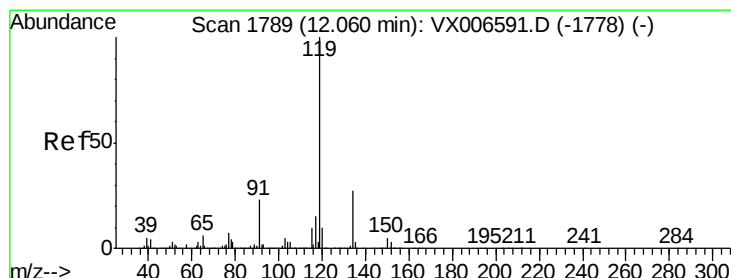
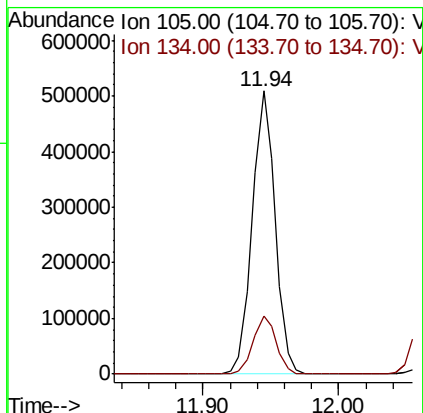
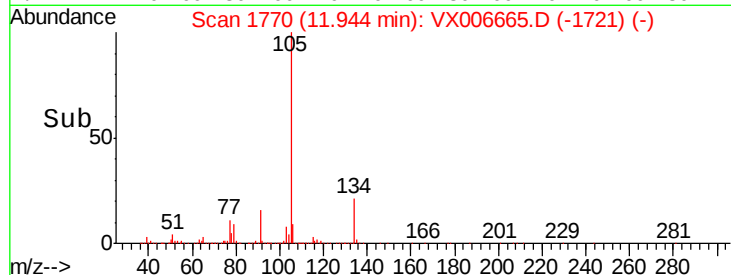
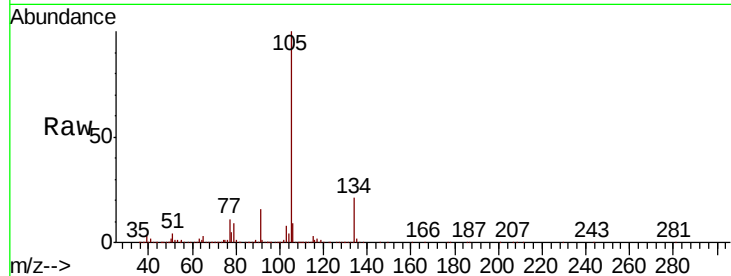
VX1220WBS01

Tot Ion:105 Resp: 602595

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.868 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

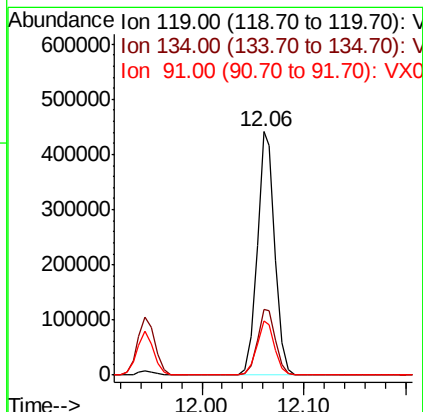
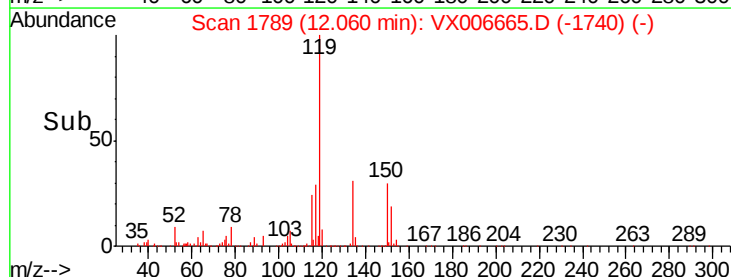
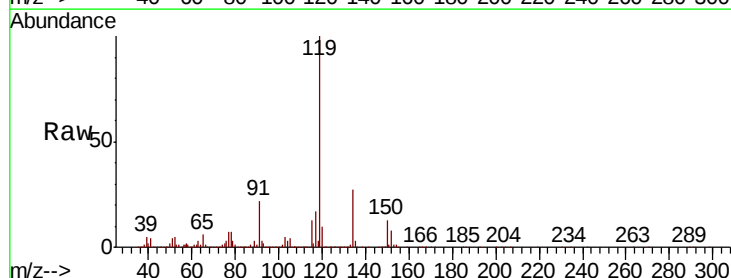
Tgt Ion:119 Resp: 534422

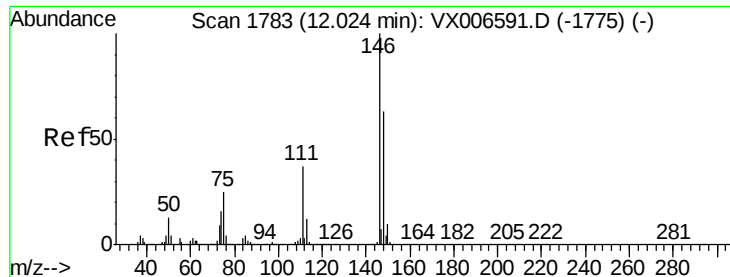
Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.584 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

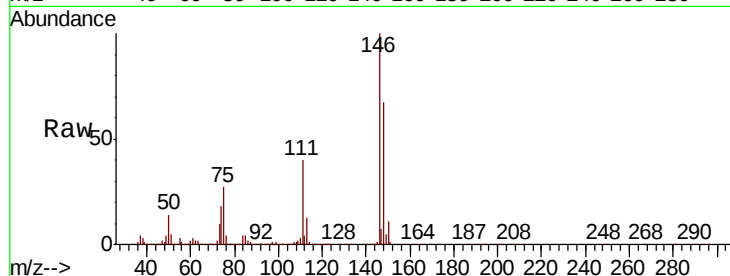
Tot Ion:146 Resp: 288895

Ion Ratio Lower Upper

146 100

111 39.3 18.6 55.8

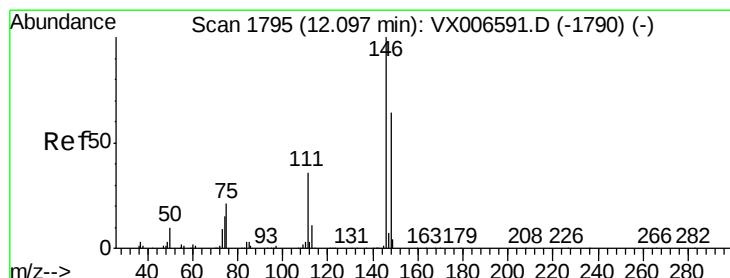
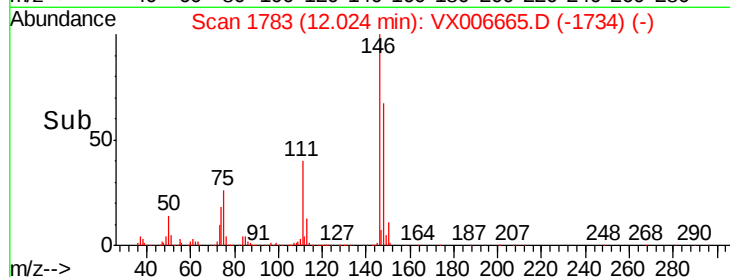
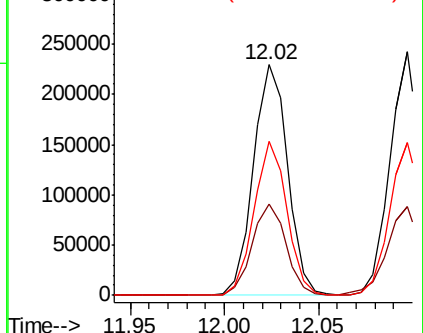
148 64.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.130 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

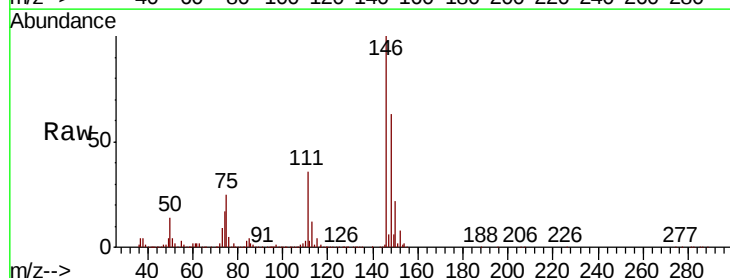
Tgt Ion:146 Resp: 289291

Ion Ratio Lower Upper

146 100

111 39.3 18.1 54.1

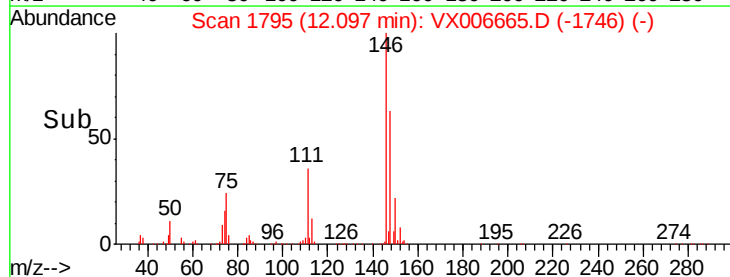
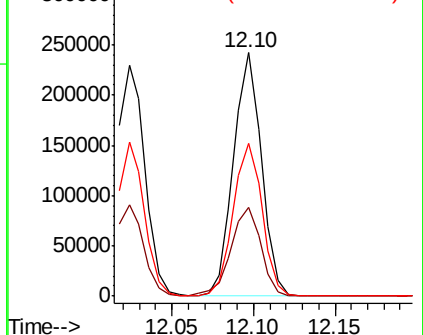
148 65.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

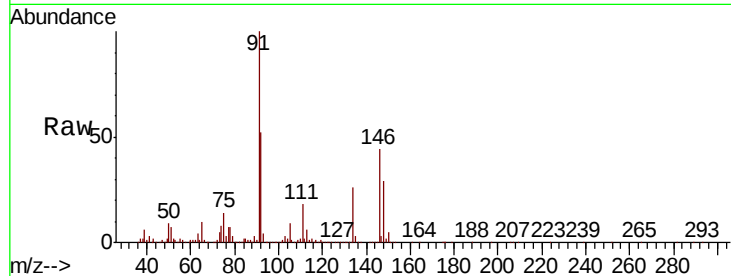




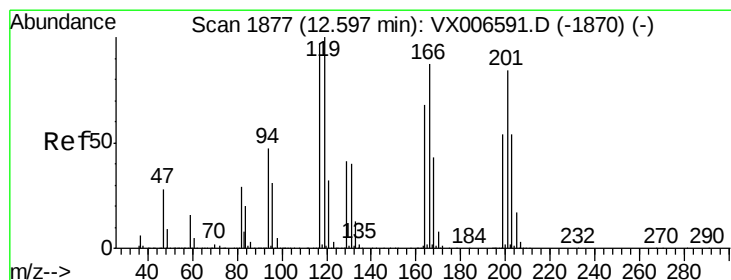
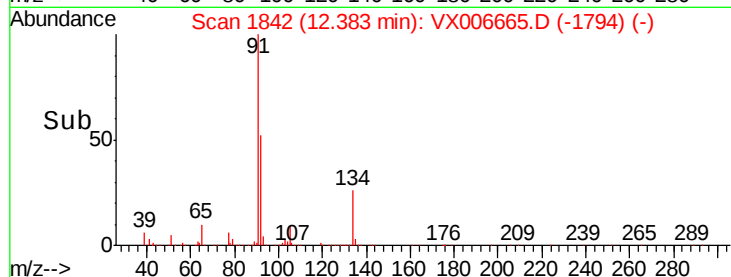
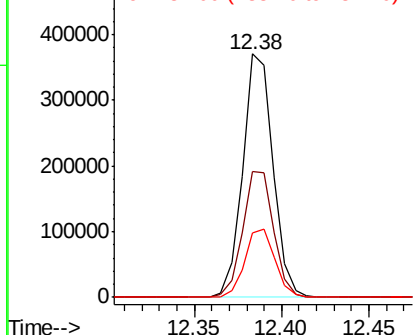
#89
n-Butylbenzene
Concen: 19.405 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion: 91 Resp: 444230
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 28.1 14.4 43.2

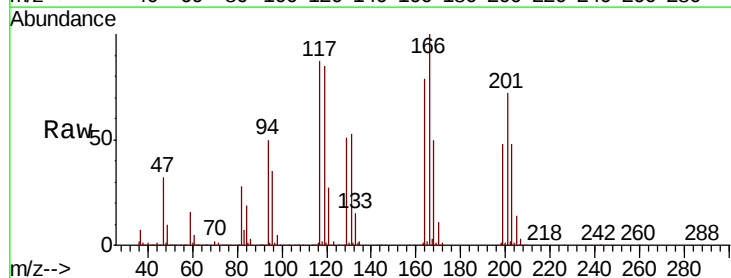


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

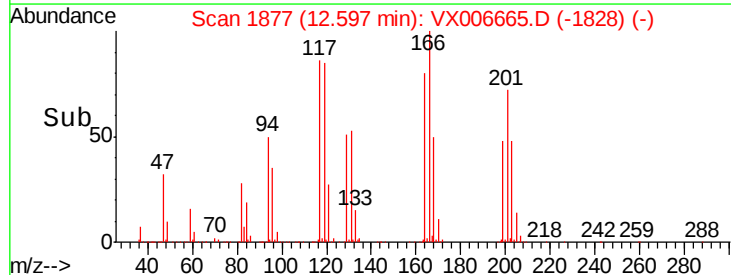
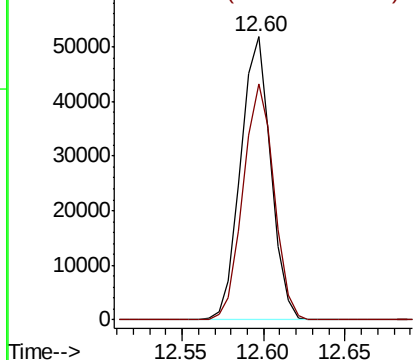


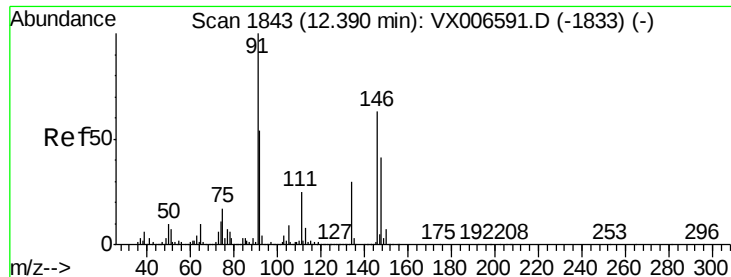
#90
Hexachloroethane
Concen: 18.165 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 117 Resp: 67022
Ion Ratio Lower Upper
117 100
201 85.0 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

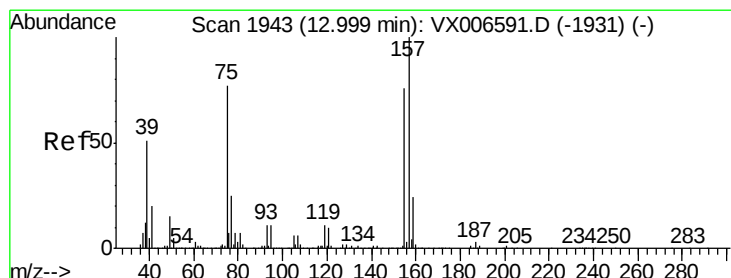
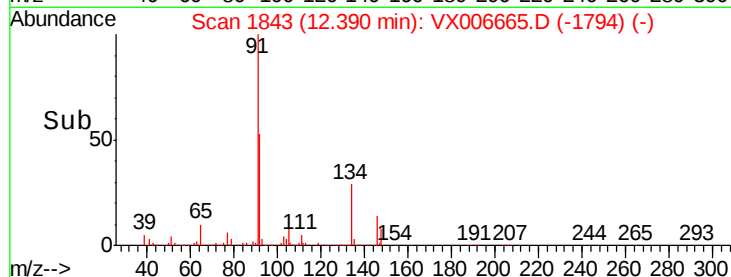
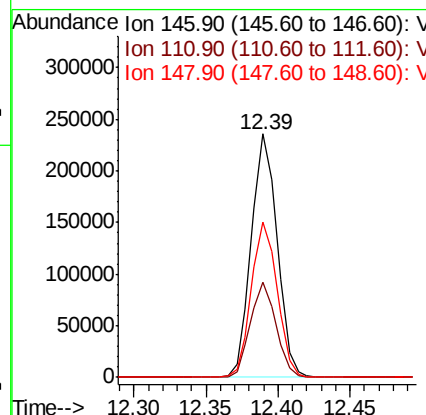
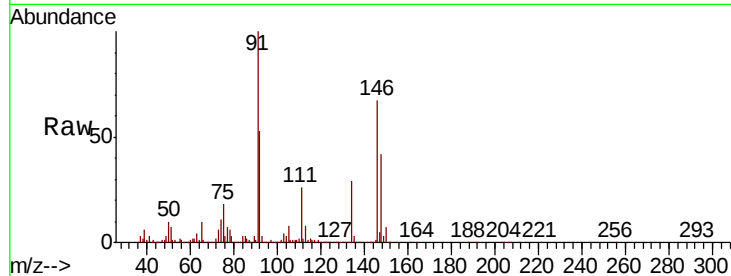




#91
 1,2-Dichlorobenzene
 Concen: 19.756 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

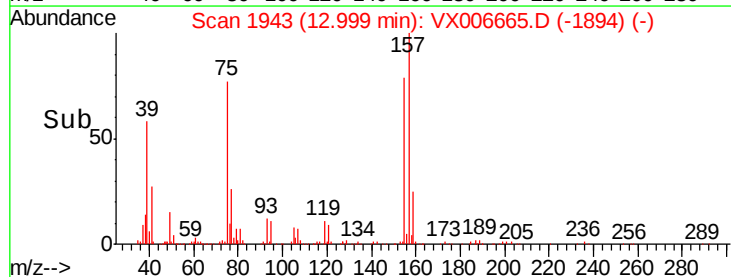
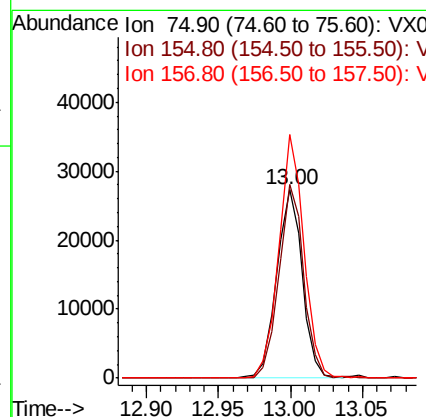
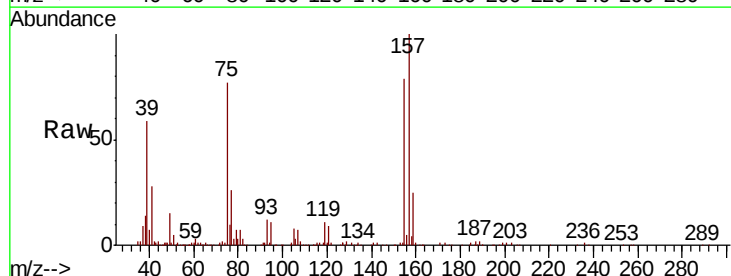
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

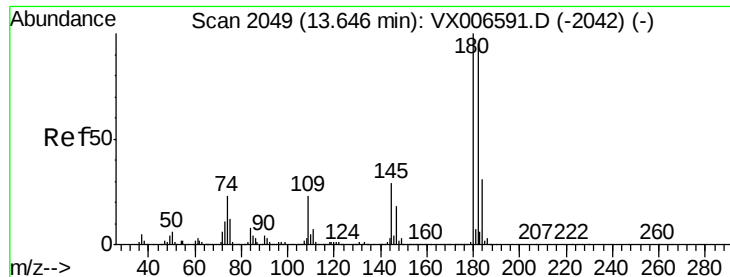
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.1	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.188 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.4	50.6	151.8
157	127.4	64.6	193.8

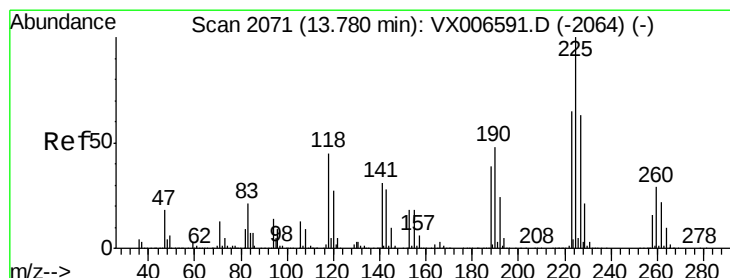
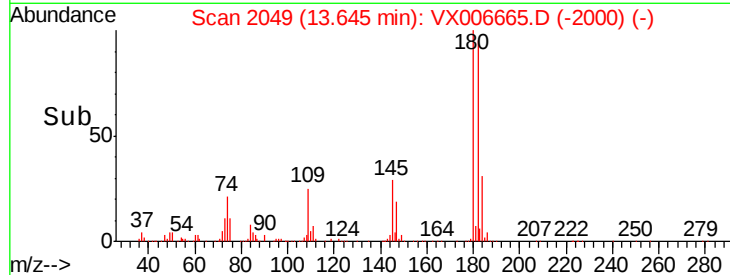
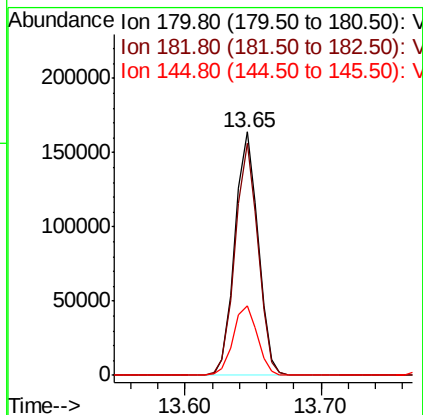
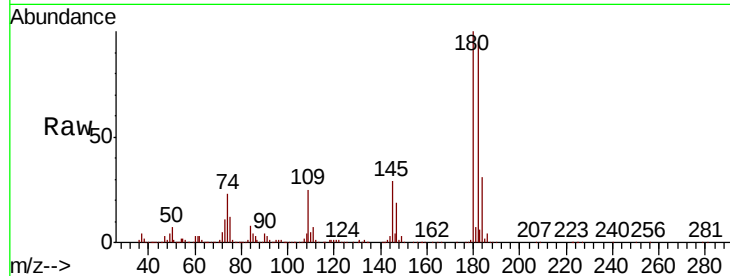




#93
 1,2,4-Trichlorobenzene
 Concen: 19.199 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

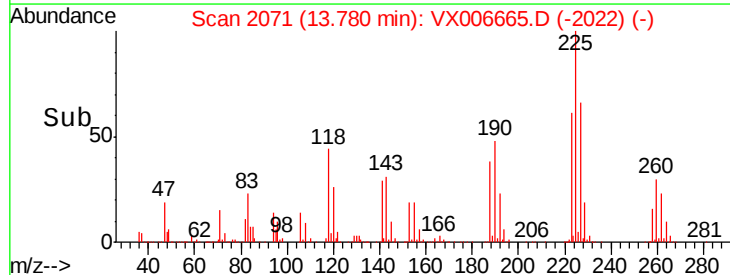
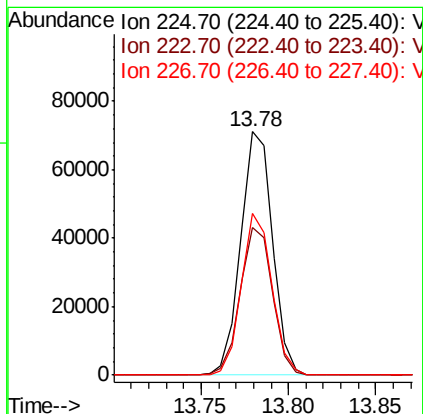
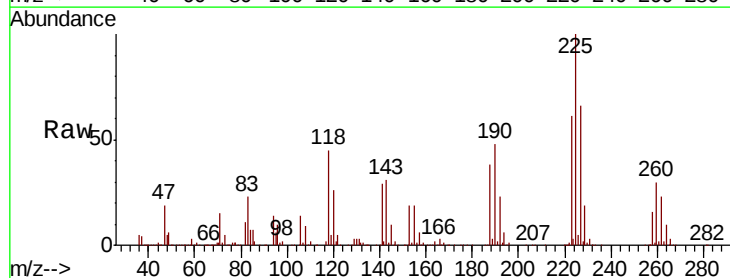
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

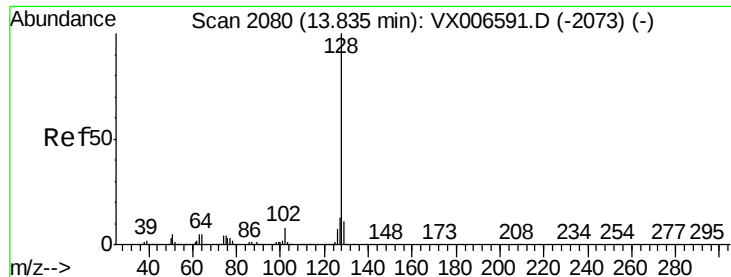
Tot Ion:180 Resp: 195427
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 142.0
 145 29.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 18.742 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion:225 Resp: 89925
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.1 96.3
 227 63.9 32.3 96.8





#95

Naphthalene

Concen: 19.340 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

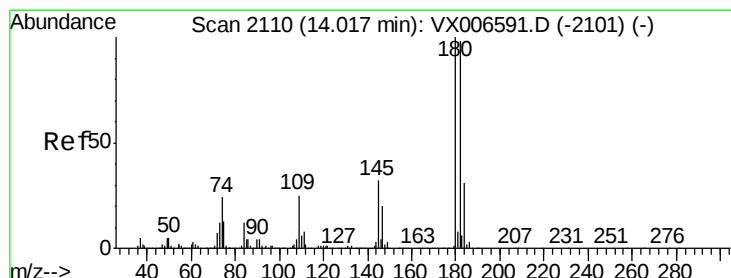
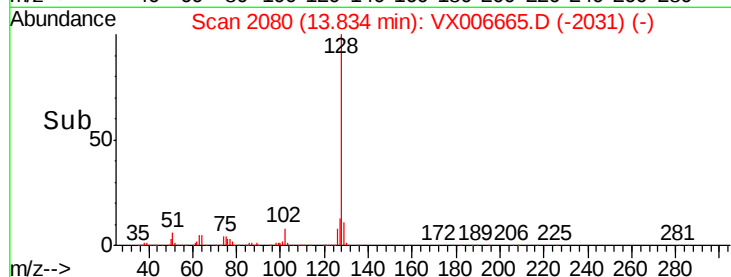
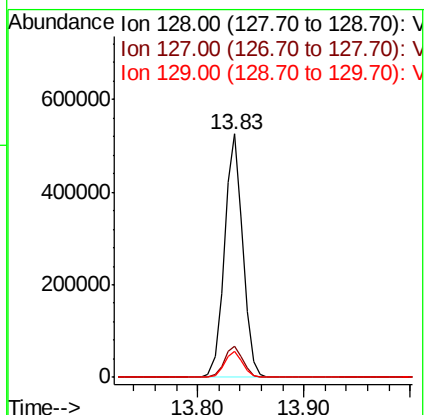
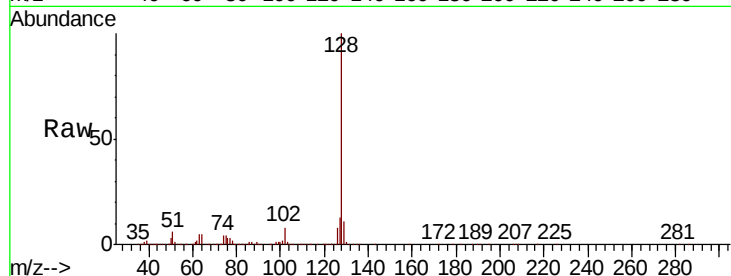
Tot Ion:128 Resp: 628321

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.600 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Tgt Ion:180 Resp: 195481

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.5

145 31.7 16.0 47.9

